

10/921,282

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NEWS 13 May 22 CITED REFERENCES NOW AVAILABLE IN CAPLUS AND CA FILE  
NEWS 14 May 22 POSTPROCESSING OF SEARCH RESULTS MAY BE AFFECTED  
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NEWS 15 Jun 02 KOREAN PATENTS NOW IN CAS DATABASES  
  
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FILE 'HOME' ENTERED AT 14:53:26 ON 16 JUN 2000

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.15	0.15

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FILE 'REGISTRY' ENTERED AT 14:53:45 ON 16 JUN 2000

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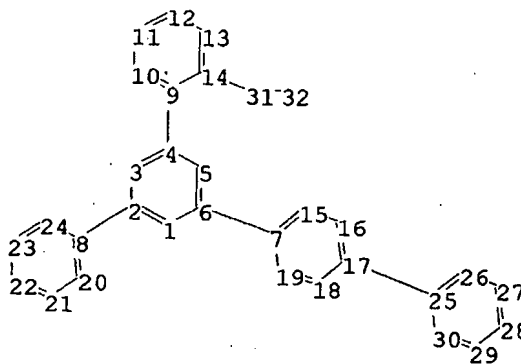
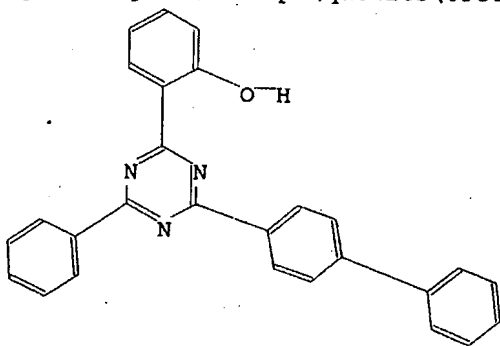
Structure search limits have been increased. See HELP SLIMIT  
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ENTER SCREEN EXPRESSION OR (END):end

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L1 STRUCTURE UPLOADED

=> que L1

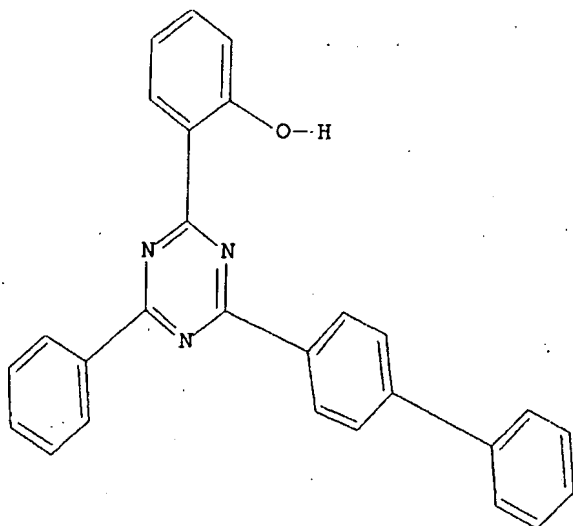
L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR

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Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 14:54:54 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS  
SEARCH TIME: 00.00.01

7 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 346 TO 1054  
PROJECTED ANSWERS: 7 TO 298

L3 7 SEA SSS SAM L1

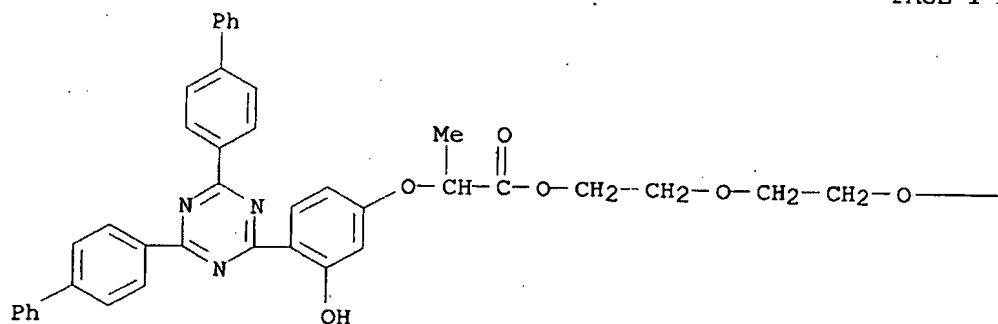
=> d scan 1-7

'1-7' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

10/921,282

L3 7 ANSWERS REGISTRY COPYRIGHT 2000 ACS  
IN Propanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 2-[2-(2-methoxyethoxy)ethoxy]ethyl ester (9CI)  
MF C43 H41 N3 O7

PAGE 1-A



PAGE 1-B

—CH<sub>2</sub>—CH<sub>2</sub>—OMe

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN  
FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used  
SQD - Protein sequence data, includes RN  
SQD3 - Same as SQD, but 3-letter amino acid codes are used  
SQN - Protein sequence name information, includes RN

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data

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CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data  
IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL

IABS --ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

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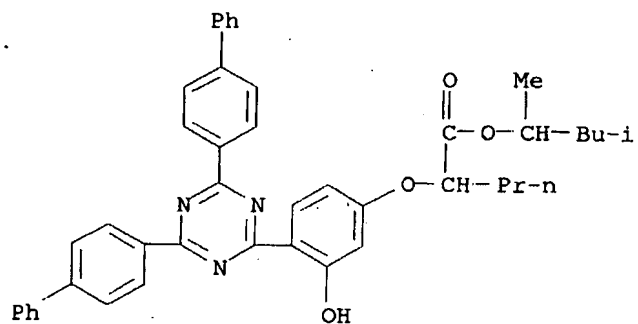
HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

10/921,282

L3 7 ANSWERS' REGISTRY COPYRIGHT 2000 ACS

IN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 1,3-dimethylbutyl ester (9CI)

MF C44 H43 N3 O4



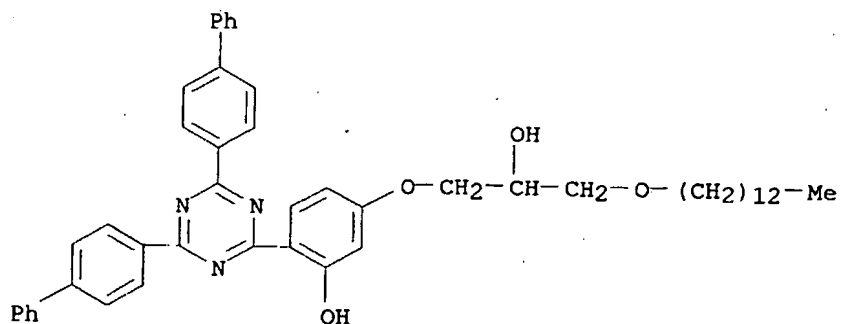
10/921,282

L3 7 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]- (9CI)

MF C49 H55 N3 O4

CI COM

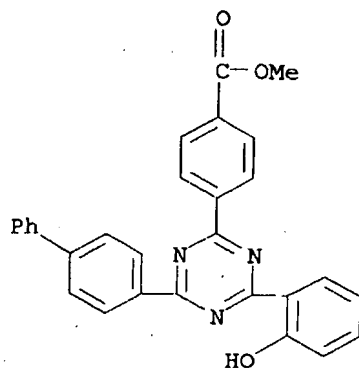


10/921,282

L3 7 ANSWERS REGISTRY COPYRIGHT 2000 ACS

IN Benzoic acid, 4-[4-[1,1'-biphenyl]-4-yl-6-(2-hydroxyphenyl)-1,3,5-triazin-  
2-yl]-, methyl ester (9CI)

MF C29 H21 N3 O3



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end



10/921,282

=> s l1 sss ful

FULL SEARCH INITIATED 14:56:22 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 580 TO ITERATE

100.0% PROCESSED 580 ITERATIONS  
SEARCH TIME: 00.00.01

79 ANSWERS

L4 79 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
127.50	127.65

FULL ESTIMATED COST

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FILE COVERS 1967 - 16 Jun 2000 VOL 132 ISS 25  
FILE LAST UPDATED: 15 Jun 2000 (20000615/ED)

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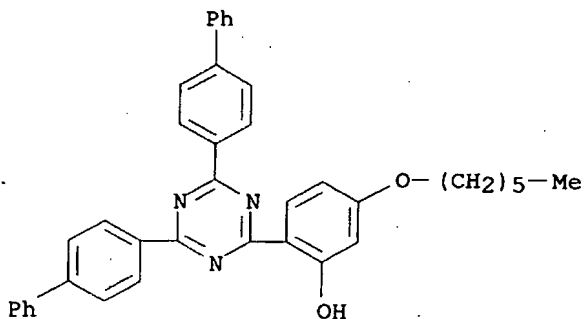
=> s l4

L5 17 L4

=> d 1-17 bib hitstr

10/921,282

L5 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 2000:48700 CAPLUS  
DN 132:194055  
TI Light-Induced Opening of the Intramolecular Hydrogen Bond of UV Absorbers  
of the 2-(2-Hydroxyphenyl)-1,3,5-triazine and the 2-(2-  
Hydroxyphenyl)benzotriazole Type  
AU Waiblinger, Frank; Keck, Juergen; Stein, Martin; Fluegge, Anja P.; Kramer,  
Horst E. A.; Leppard, David  
CS Institut fuer Physikalische Chemie, Universitaet Stuttgart, Stuttgart,  
D-70569, Germany  
SO J. Phys. Chem. A (2000), 104(6), 1100-1106  
CODEN: JPCAFH; ISSN: 1089-5639  
PB American Chemical Society  
DT Journal  
LA English  
IT 182918-19-0  
RL: PEP (Physical, engineering or chemical process); PRP (Properties);  
PROC (Process)  
(light-Induced Opening of the Intramol. Hydrogen Bond of UV Absorbers  
of the 2-(2-Hydroxyphenyl)-1,3,5-triazine and the 2-(2-  
Hydroxyphenyl)benzotriazole Type)  
RN 182918-19-0 CAPLUS  
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(hexyloxy)-  
(9CI) (CA INDEX NAME)



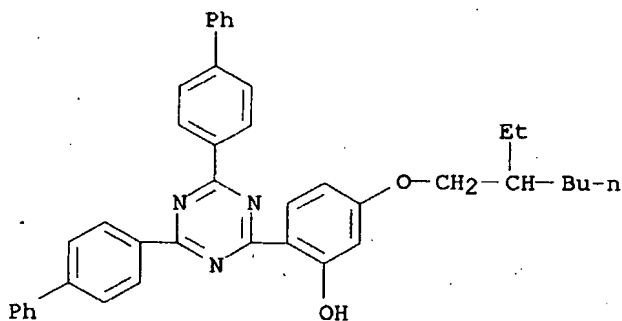
RE.CNT 53

- (1) Barbara, P; J Am Chem Soc 1980, V102, P2786 CAPLUS
  - (3) Bigger, S; J Photochem Photobiol, A 1987, V40, P391 CAPLUS
  - (5) Chudoba, C; Chem Phys Lett 1996, V263, P622 CAPLUS
  - (7) Elsaesser, T; Ultrafast Reaction Dynamics and Solvent Effects; AIP Conf  
Proc 298 1994, P240 CAPLUS
  - (8) Fischer, P; Magn Reson Chem 1997, V35, P839 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/921,282

L5 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1999:708680 CAPLUS  
DN 131:323942  
TI Preparation of UV protective coatings by plasma-enhanced deposition  
IN Bauer, Michael; Kaufmann, Werner; Rytz, Gerhard  
PA Ciba Specialty Chemicals Holding Inc., Switz.  
SO PCT Int. Appl., 38 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9955471	A1	19991104	WO 1999-EP2536	19990415
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9937080	A1	19991116	AU 1999-37080	19990415
PRAI	CH 1998-947		19980427		
	WO 1999-EP2536		19990415		
OS	MARPAT 131:323942				
IT	<b>204583-39-1</b>				
	RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)				
	(preparation of UV protective coatings by plasma-enhanced deposition)				
RN	204583-39-1 CAPLUS				
CN	Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)				

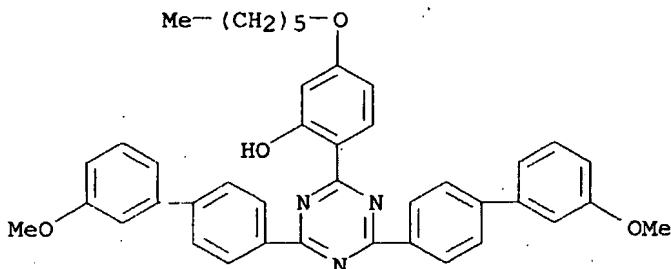


RE.CNT 4  
(1) Ciba Geigy AG; EP 0442847 A 1991  
(2) Merck Patent GMBH; DE 19522865 A 1997  
(3) Oji Kako Co Ltd; JP 06025448 A 1994  
(4) Talison Research; WO 9722631 A 1997

10/921,282

L5 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1999:613828 CAPLUS  
DN 131:243063  
TI Suzuki and Heck coupling reactions using allylpalladium catalysts.  
IN Tinkl, Michael; Hafner, Andreas  
PA Ciba Specialty Chemicals Holding Inc., Switz.  
SO PCT Int. Appl., 41 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9947474	A1	19990923	WO 1999-EP1474	19990308
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9931442	A1	19991011	AU 1999-31442	19990308
PRAI	CH 1998-644		19980318		
	WO 1999-EP1474		19990308		
OS	CASREACT 131:243063; MARPAT 131:243063				
IT	244159-76-OP				
	RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)				
	(Suzuki and Heck coupling reactions using allylpalladium catalysts)				
RN	244159-76-0 CAPLUS				
CN	Phenol, 2-[4,6-bis(3'-methoxy[1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(hexyloxy)- (9CI) (CA INDEX NAME)				



RE.CNT 6  
(1) Akermack, B; Organometallics 1987, V6(1), P620  
(2) Direnzo, G; Journal of the American Chemical Society 1996, V118(26), P6225  
CAPLUS  
(3) Hoechst; EP 0690046 A 1996  
(4) Hoechst; EP 0725049 A 1996  
(6) Powell, J; Journal of the Chemical Society Section A: Inorganic Physical and Theoretical Chemistry 1967, P1839 CAPLUS  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

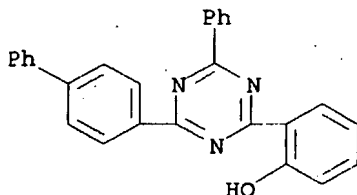
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L5 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1999:156361 CAPLUS  
DN 130:196673  
TI Preparation of benzoxazinones as intermediates for the production of  
triazine-based light stabilizers  
IN Metzger, Georges; Reinehr, Dieter; Hauger, Serge  
PA Ciba Specialty Chemicals Holding Inc., Switz.  
SO Eur. Pat. Appl., 8 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

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PI	EP 899266	A1	19990303	EP 1998-810671	19980714
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	GB 2327419	A1	19990127	GB 1997-15312	19970722
	US 6040443	A	20000321	US 1998-119300	19980720
	JP 11116558	A2	19990427	JP 1998-205730	19980722
PRAI	GB 1997-15312		19970722		
OS	CASREACT 130:196673; MARPAT 130:196673				
IT	<b>182917-61-9P</b> RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation) (preparation of benzoxazinones as intermediates for the production of triazine-based light stabilizers)				
RN	182917-61-9 CAPLUS				
CN	Phenol, 2-(4-[1,1'-biphenyl]-4-yl-6-phenyl-1,3,5-triazin-2-yl)- (9CI) (CA INDEX NAME)				

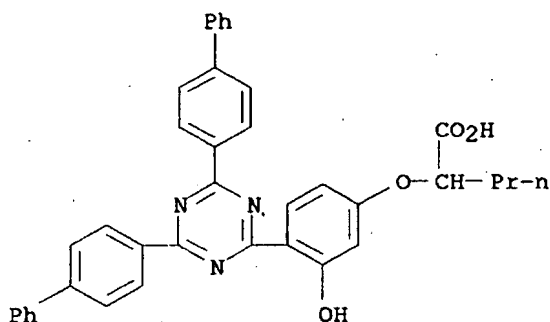


RE.CNT 2

- (1) Brunetti, H; Helvetica Chimica Acta 1972, V55(1), P1566  
(2) Brunetti Heimo; US 3544566 A 1970

LS ANSWER 5 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1998:196323 CAPLUS  
DN 128:245237  
TI Triazine derivative stabilizer combinations, their use, and stabilized  
organic compositions  
IN Bolle, Thomas; Hayoz, Pascal  
PA Ciba Specialty Chemicals Holding Inc., Switz.  
SO Ger. Offen., 52 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19739797	A1	19980319	DE 1997-19739797	19970910
	AU 9736843	A1	19980319	AU 1997-36843	19970905
	US 6060543	A	20000509	US 1997-925014	19970908
	GB 2317893	A1	19980408	GB 1997-19141	19970910
	ES 2142242	A1	20000401	ES 1997-1910	19970910
	CA 2215134	AA	19980313	CA 1997-2215134	19970911
	SE 9703289	A	19980314	SE 1997-3289	19970911
	SE 510502	C2	19990531		
	FR 2753448	A1	19980320	FR 1997-11289	19970911
	NL 1007028	A1	19980316	NL 1997-1007028	19970912
	BR 9704713	A	19981215	BR 1997-4713	19970915
	JP 10095974	A2	19980414	JP 1997-269283	19970916
PRAI	CH 1996-2253	19960913			
OS	MARPAT 128:245237				
IT	<b>204583-44-8P</b>				
	RL: MOA (Modifier or additive use); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)				
	(preparation of triazines for use in stabilizer combinations)				
RN	204583-44-8	CAPLUS			
CN	Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)				



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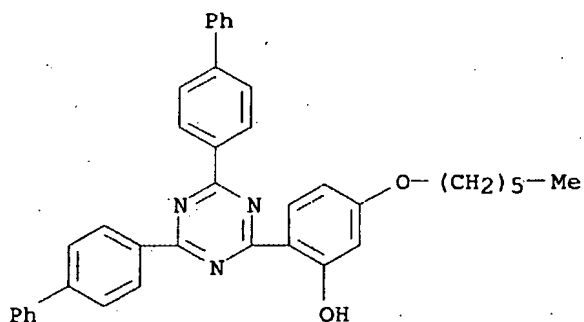
204848-46-4P 204848-47-5P 204848-48-6P

RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(preparation of triazines for use in stabilizer combinations)

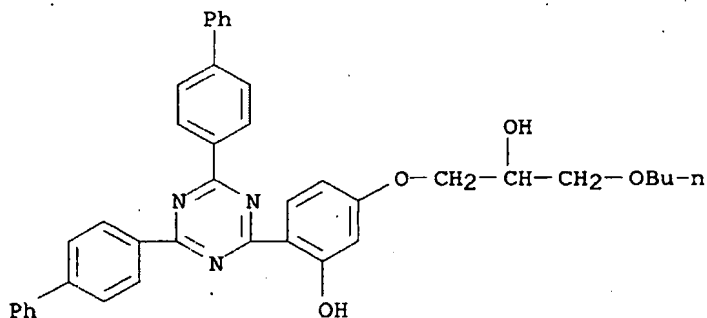
RN 182918-19-0 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(hexyloxy)-(9CI) (CA INDEX NAME)



RN 182918-22-5 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(3-butoxy-2-hydroxypropoxy)-(9CI) (CA INDEX NAME)

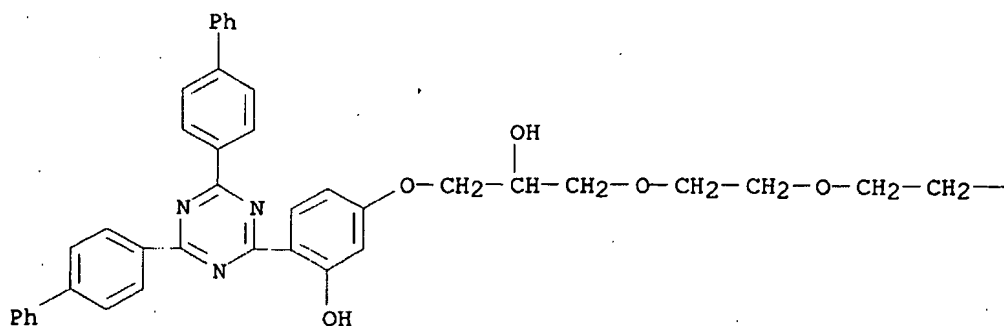


RN 202411-92-5 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-[2-(2-methoxyethoxy)ethoxy]propoxy)-(9CI) (CA INDEX NAME)



PAGE 1-A



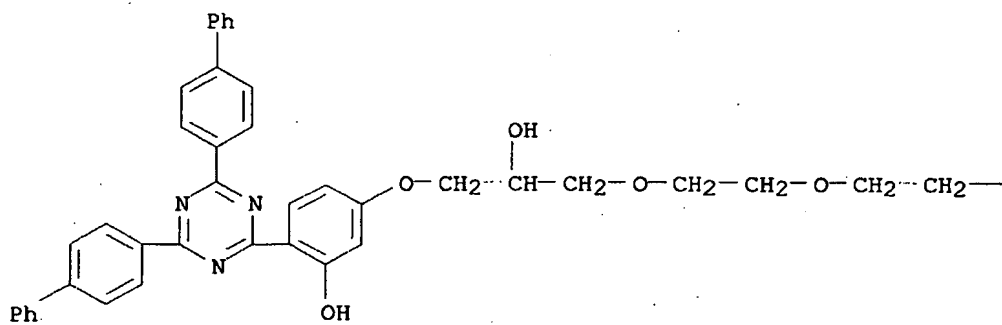
PAGE 1-B

—OMe

RN 202411-93-6 CAPLUS

CN 4,7,10,13-Tetraoxaheptadecan-2-ol, 1-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A



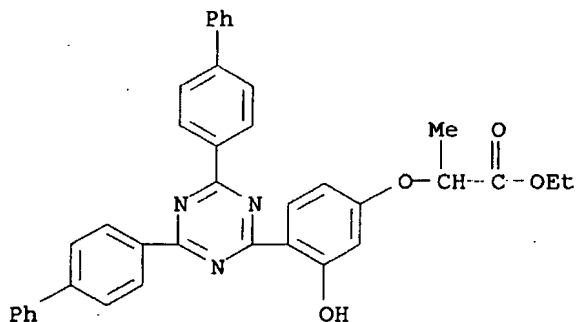
PAGE 1-B

—O-CH<sub>2</sub>-CH<sub>2</sub>-OBu-n

10/921,282

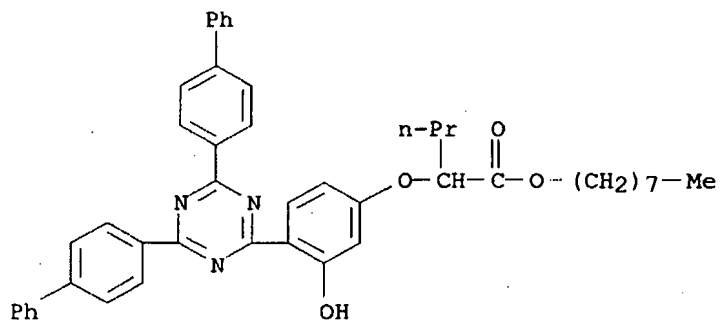
RN 202412-08-6 CAPLUS

CN Propanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



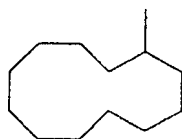
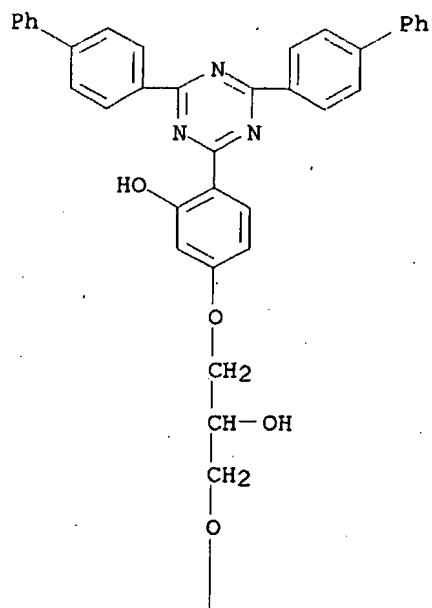
RN 204583-35-7 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, octyl ester (9CI) (CA INDEX NAME)



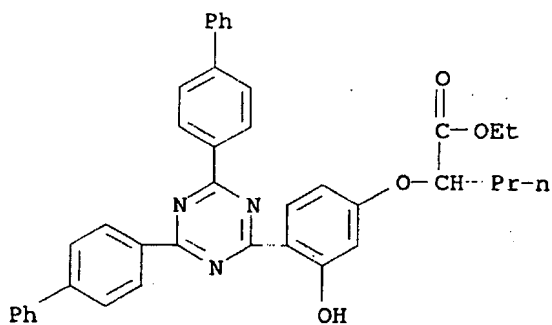
RN 204583-37-9 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-(cyclododecyloxy)-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)



RN 204583-38-0 CAPLUS

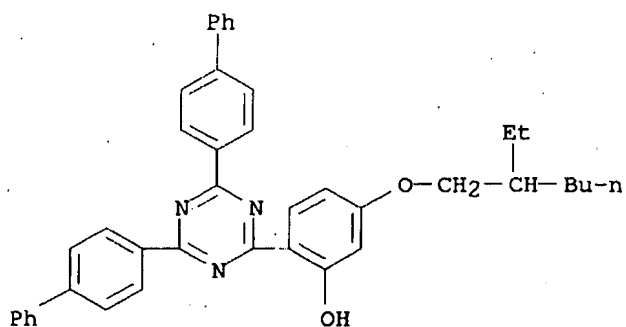
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 204583-39-1 CAPLUS

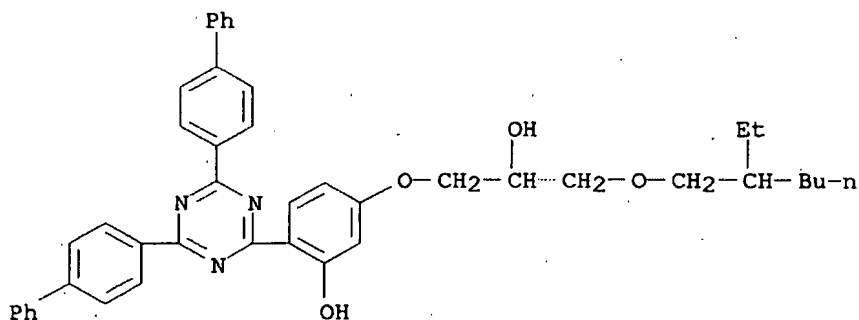
10/921,282

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



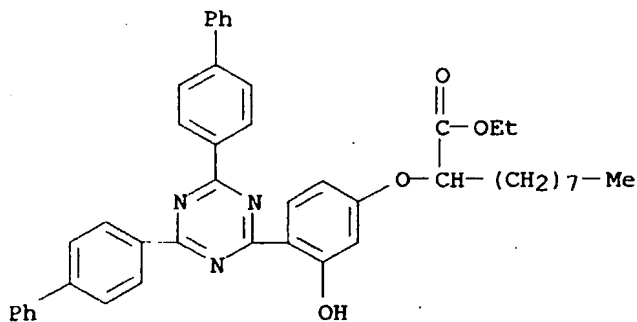
RN 204583-40-4 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-[(2-ethylhexyl)oxy]-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)



RN 204583-41-5 CAPLUS

CN Decanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

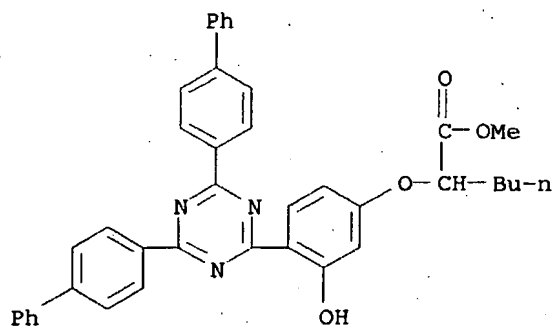


RN 204583-42-6 CAPLUS

CN Hexanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-

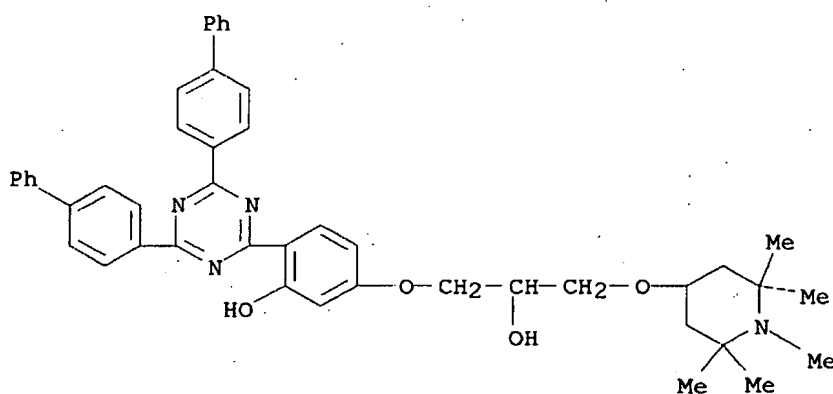
10/921,282

hydroxyphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



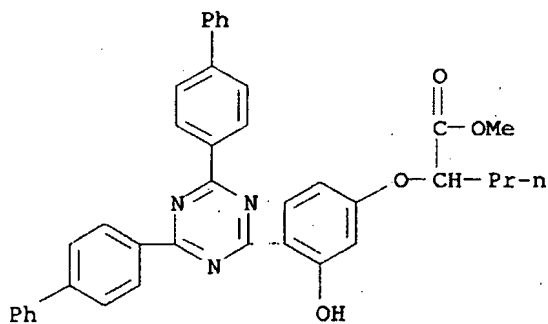
RN 204583-43-7 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-[(1,2,2,6,6-pentamethyl-4-piperidinyl)oxy]propoxy]- (9CI) (CA INDEX NAME)



RN 204583-45-9 CAPLUS

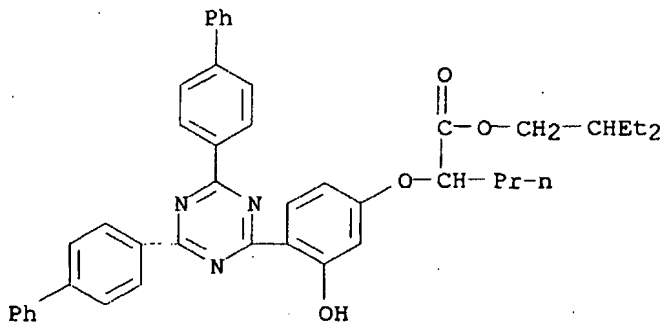
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



10/921,282

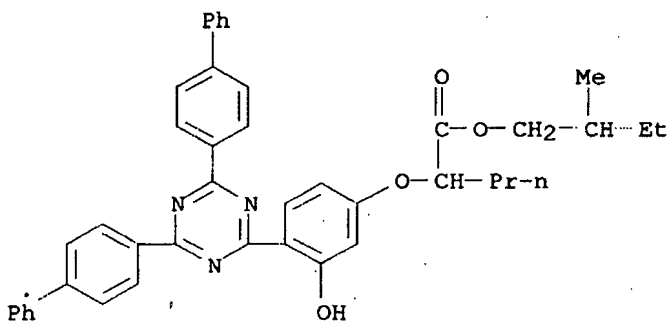
RN 204583-48-2 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 2-ethylbutyl ester (9CI) (CA INDEX NAME)



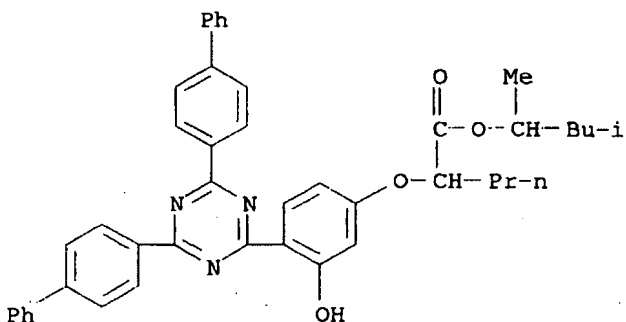
RN 204583-49-3 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 2-methylbutyl ester (9CI) (CA INDEX NAME)



RN 204583-50-6 CAPLUS

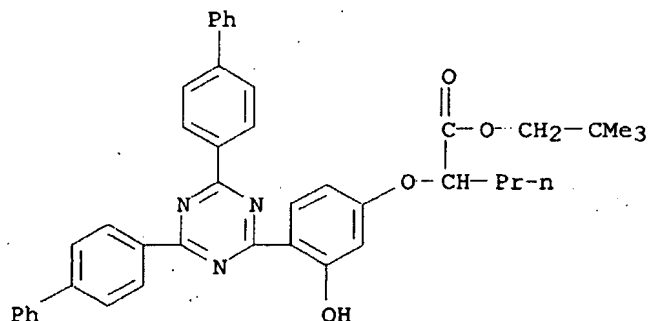
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 1,3-dimethylbutyl ester (9CI) (CA INDEX NAME)



10/921,282

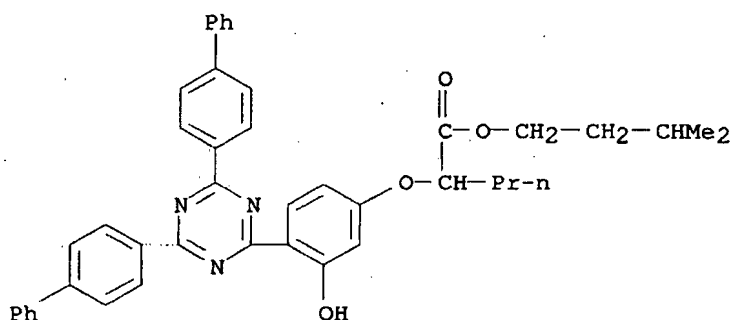
RN 204583-51-7 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 2,2-dimethylpropyl ester (9CI) (CA INDEX NAME)



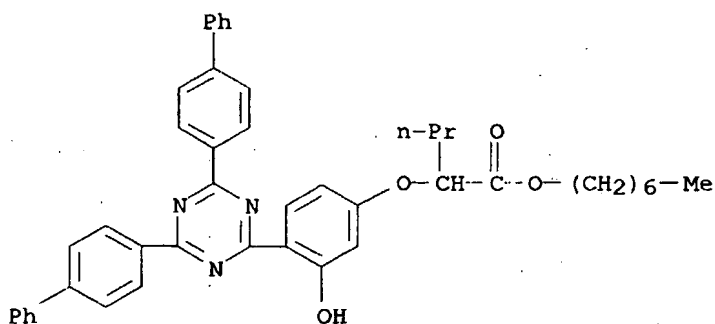
RN 204583-52-8 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 3-methylbutyl ester (9CI) (CA INDEX NAME)



RN 204583-53-9 CAPLUS

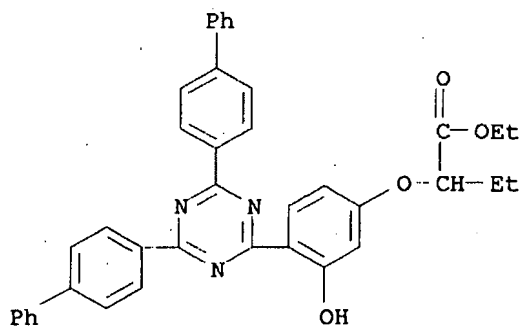
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, heptyl ester (9CI) (CA INDEX NAME)



RN 204583-54-0 CAPLUS

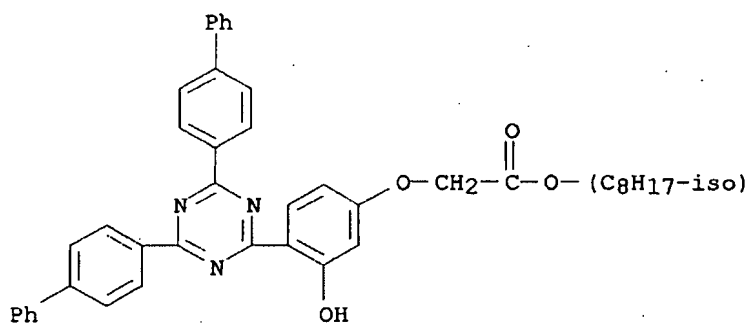
10/921,282

CN Butanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



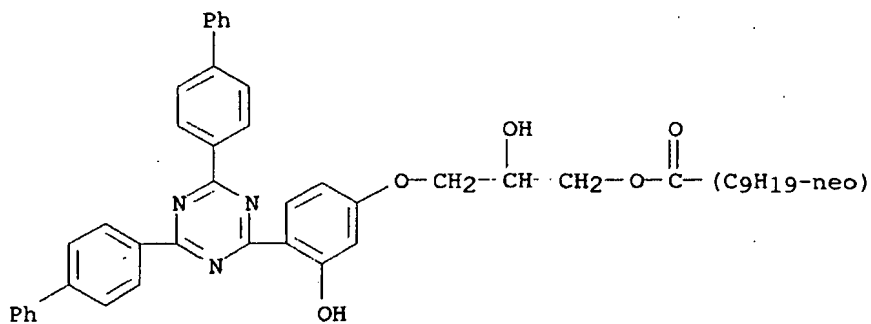
RN 204848-42-0 CAPLUS

CN Acetic acid, [4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)



RN 204848-43-1 CAPLUS

CN Neodecanoic acid, 3-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-2-hydroxypropyl ester (9CI) (CA INDEX NAME)



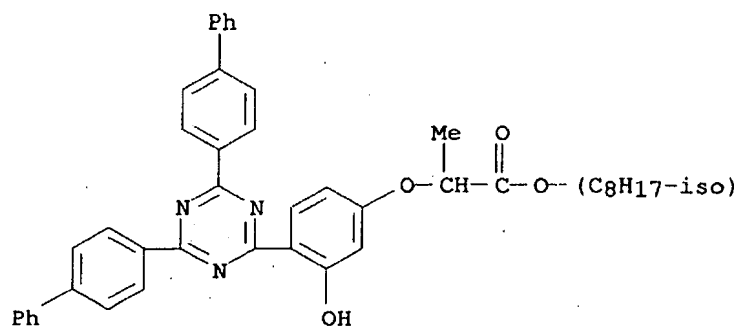
RN 204848-45-3 CAPLUS

CN Propanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-



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hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)

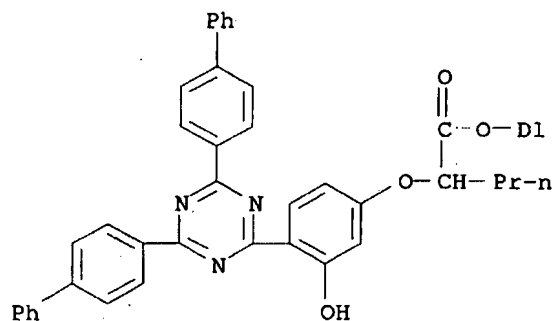


RN 204848-46-4 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, methylcyclohexyl ester (9CI) (CA INDEX NAME)



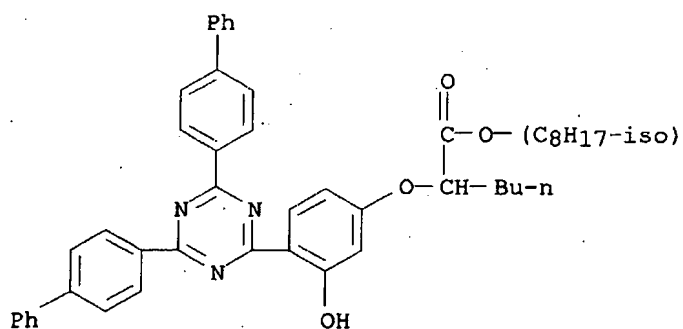
D1-Me



RN 204848-47-5 CAPLUS

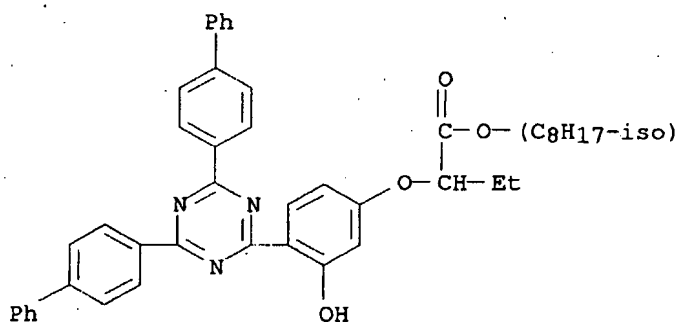
CN Hexanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)

10/921,282



RN 204848-48-6 CAPLUS

CN Butanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxyl]-, isooctyl ester (9CI) (CA INDEX NAME)



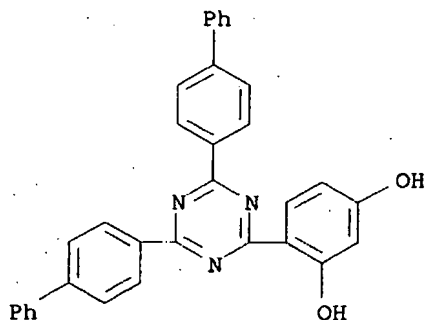
IT 182918-16-7 204583-46-0 204583-47-1

RL: RCT (Reactant)

(preparation of triazines for use in stabilizer combinations)

RN 182918-16-7 CAPLUS

CN 1,3-Benzenediol, 4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)

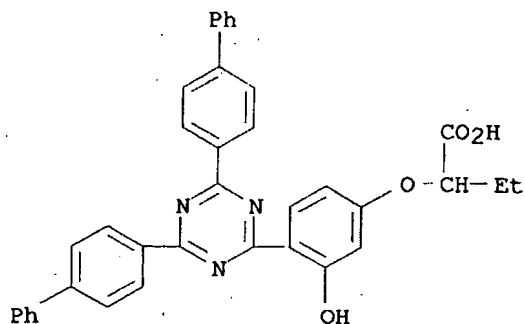


RN 204583-46-0 CAPLUS

CN Butanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-

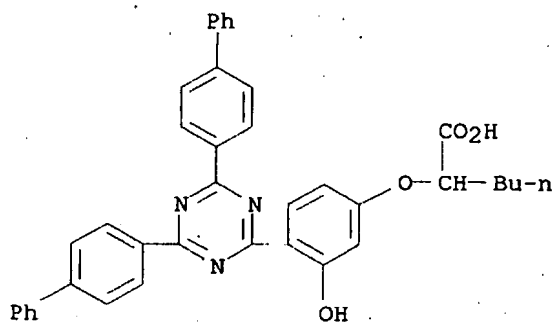
10/921,282

hydroxyphenoxy]- (9CI) (CA INDEX NAME)



RN 204583-47-1 CAPLUS

CN Hexanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)



IT 204583-56-2 204583-57-3 204583-58-4  
204583-59-5 204583-62-0 204583-64-2  
204583-65-3

RL: MOA (Modifier or additive use); USES (Uses)

(use of triazine derivative stabilizer combinations in acrylic coatings)

RN 204583-56-2 CAPLUS

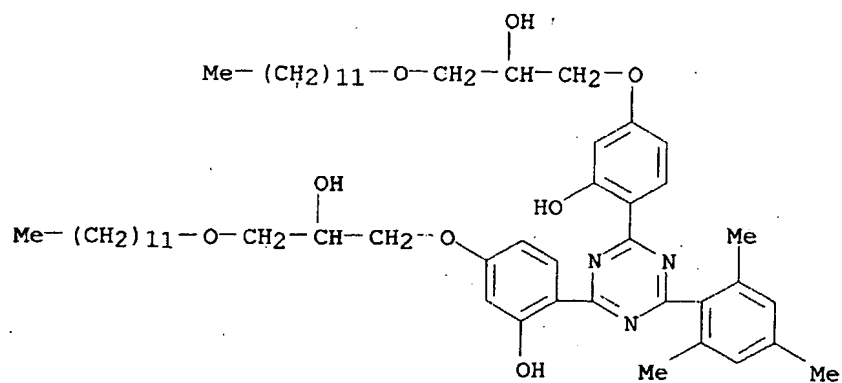
CN Phenol, 2,2'-[6-(2,4,6-trimethylphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[3-(dodecyloxy)-2-hydroxypropoxy]-, mixt. with 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-(dodecyloxy)-2-hydroxypropoxy]phenol and 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]phenol (9CI) (CA INDEX NAME)

CM 1

CRN 204583-55-1

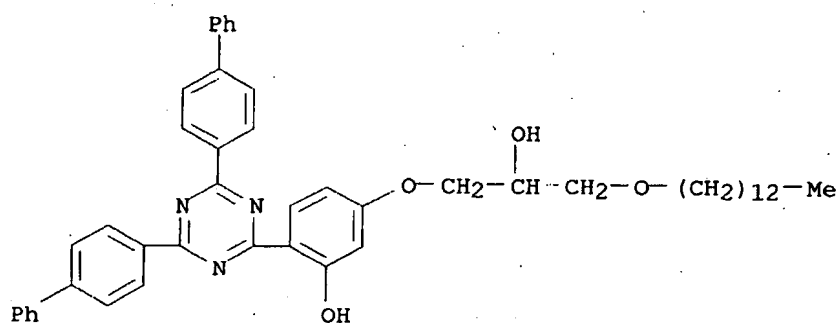
CMF C54 H81 N3 O8

10/921,282



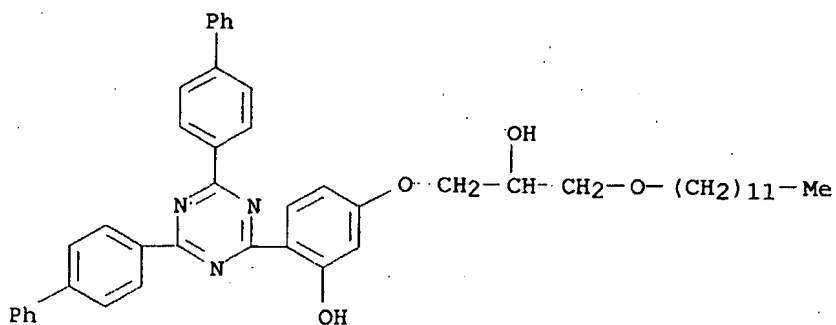
CM 2

CRN 182918-30-5  
CMF C49 H55 N3 O4



CM 3

CRN 182918-28-1  
CMF C48 H53 N3 O4



10/921,282

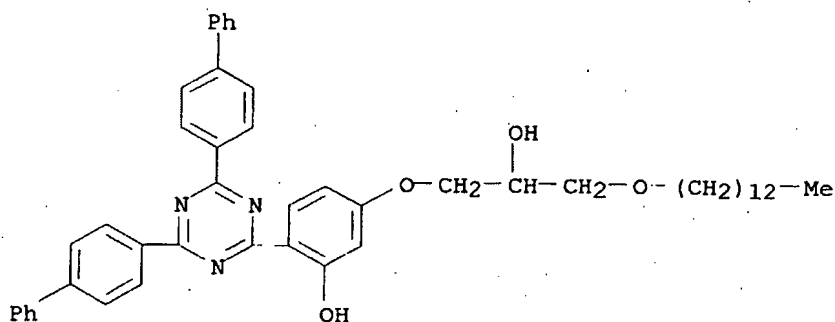
RN 204583-57-3 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-(dodecyloxy)-2-hydroxypropoxy]-, mixt. with 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]phenol, 2-[4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-5-[3-(dodecyloxy)-2-hydroxypropoxy]phenol and 2-[4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]phenol (9CI) (CA INDEX NAME)

CM 1

CRN 182918-30-5

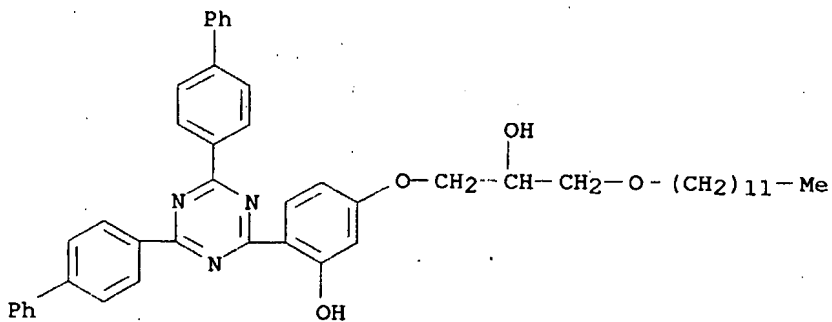
CMF C49 H55 N3 O4



CM 2

CRN 182918-28-1

CMF C48 H53 N3 O4

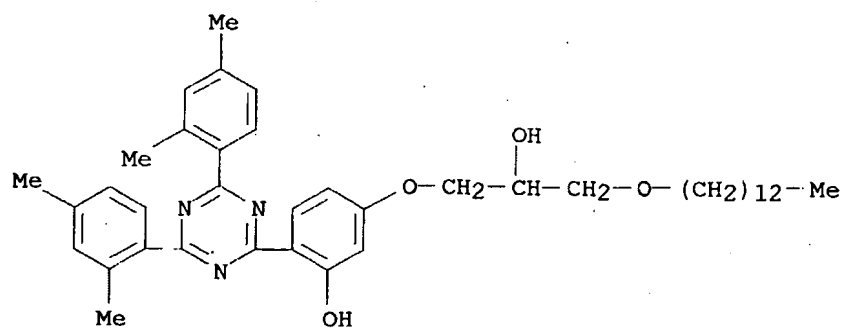


CM 3

CRN 178905-32-3

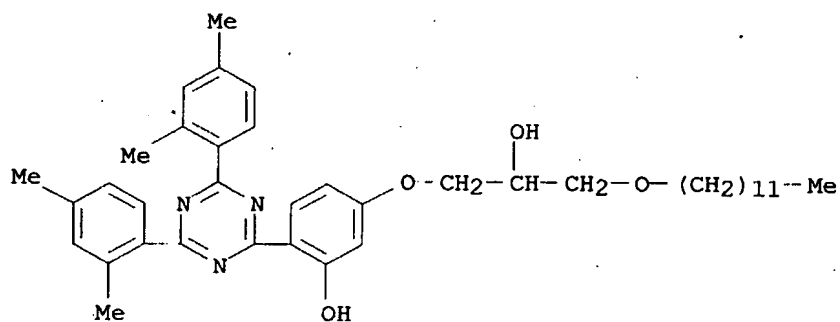
CMF C41 H55 N3 O4

10/921,282



CM 4

CRN 178905-31-2  
CMF C40 H53 N3 O4



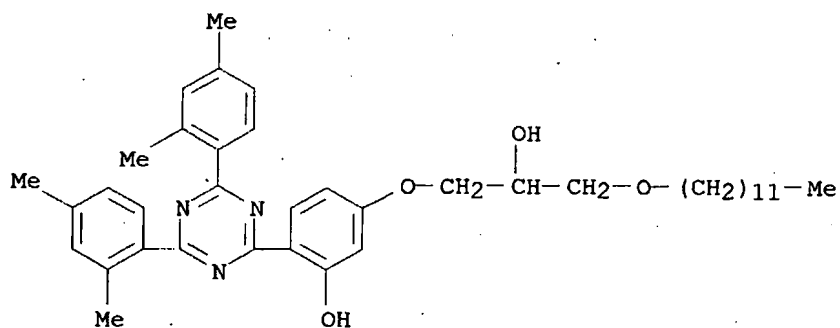
RN 204583-58-4 CAPLUS  
CN 4,7,10,13-Tetraoxaheptadecan-2-ol, 1-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, mixt. with 2-[4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-5-[3-(dodecyloxy)-2-hydroxypropoxy]phenol and 2-[4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]phenol (9CI) (CA INDEX NAME)

CM 1

CRN 202411-93-6  
CMF C46 H49 N3 O7



10/921,282



RN 204583-59-5 CAPLUS

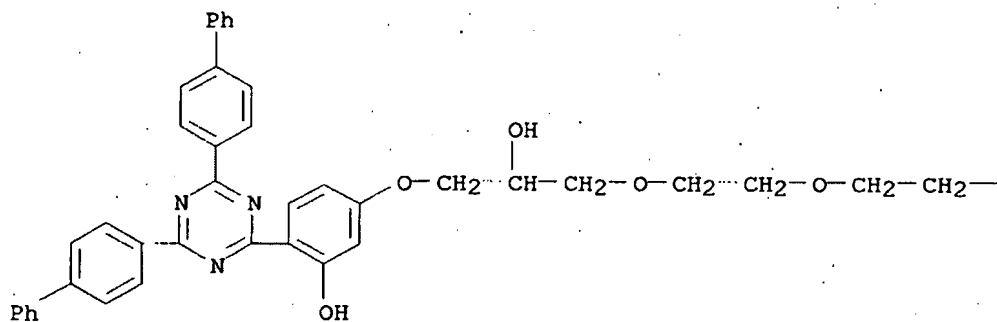
CN 4,7,10,13-Tetraoxaheptadecan-2-ol, 1-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, mixt. with 2-[4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-5-(octyloxy)phenol (9CI) (CA INDEX NAME)

CM 1

CRN 202411-93-6

CMF C46 H49 N3 O7

PAGE 1-A



PAGE 1-B

-O-CH<sub>2</sub>-CH<sub>2</sub>-OBu-n

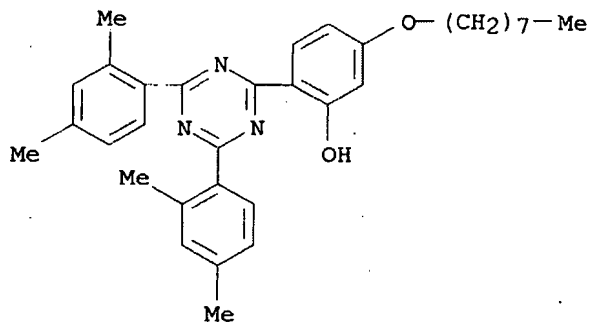
CM 2

CRN 2725-22-6



10/921,282

CMF C33 H39 N3 O2



RN 204583-62-0 CAPLUS

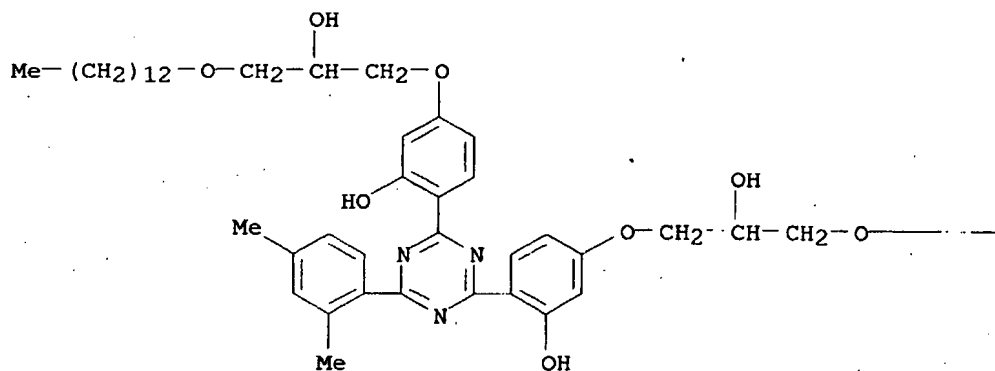
CN Phenol, 2,2'-[6-(2,4-dimethylphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[3-(dodecyloxy)-2-hydroxypropoxy]-, mixt. with 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-(dodecyloxy)-2-hydroxypropoxy]phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]phenol and 2,2'-[6-(2,4-dimethylphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[2-hydroxy-3-(tridecyloxy)propoxy]phenol] (9CI) (CA INDEX NAME)

CM 1

CRN 204583-61-9

CMF C55 H83 N3 O8

PAGE 1-A



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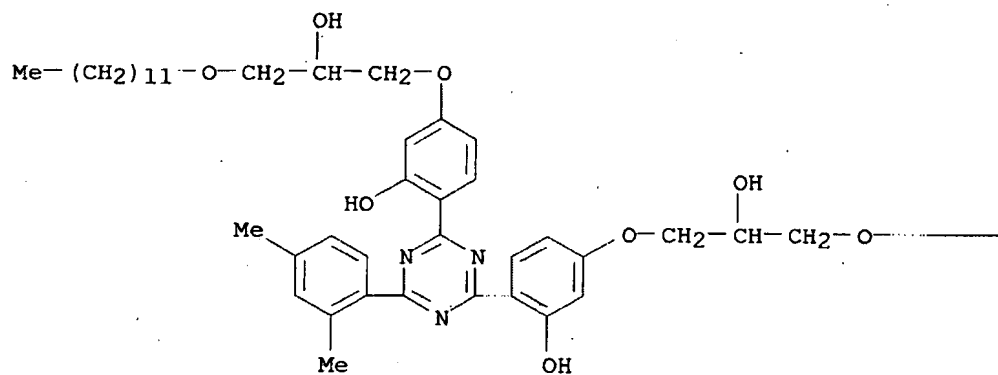
PAGE 1-B

— (CH<sub>2</sub>)<sub>12</sub>—Me

CM 2

CRN 204583-60-8  
CMF C53 H79 N3 O8

PAGE 1-A



PAGE 1-B

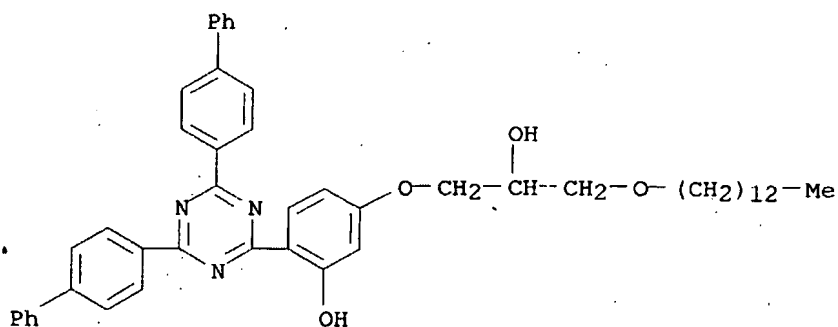
— (CH<sub>2</sub>)<sub>11</sub>—Me

CM 3

CRN 182918-30-5

10/921,282

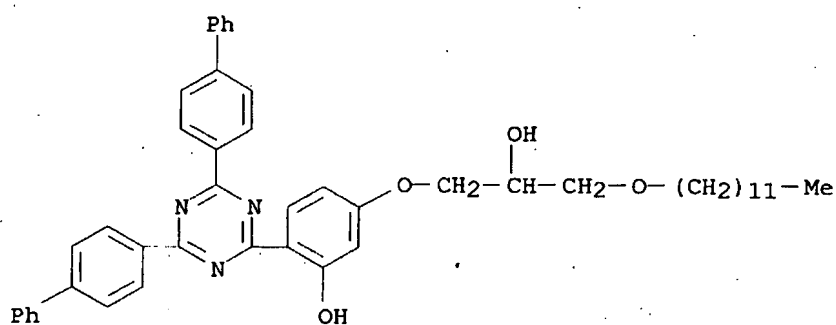
CMF C49 H55 N3 O4



CM 4

CRN 182918-28-1

CMF C48 H53 N3 O4



RN 204583-64-2 CAPLUS

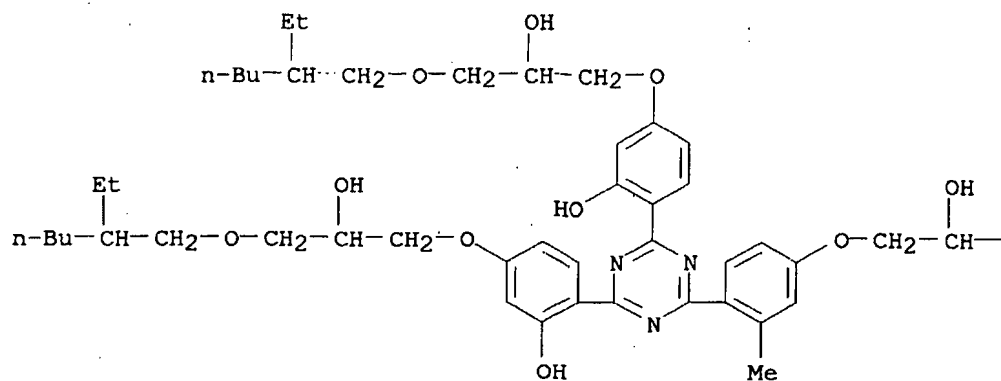
CN Phenol, 2,2'-[6-[4-[3-[(2-ethylhexyl)oxy]-2-hydroxypropoxy]-2-methylphenyl]-1,3,5-triazine-2,4-diyl]bis[5-[3-[(2-ethylhexyl)oxy]-2-hydroxypropoxy]-, mixt. with 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-(dodecyloxy)-2-hydroxypropoxy]phenol and 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]phenol (9CI) (CA INDEX NAME)

CM 1

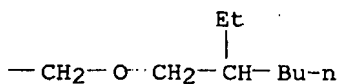
CRN 204583-63-1

CMF C55 H83 N3 O11

PAGE 1-A

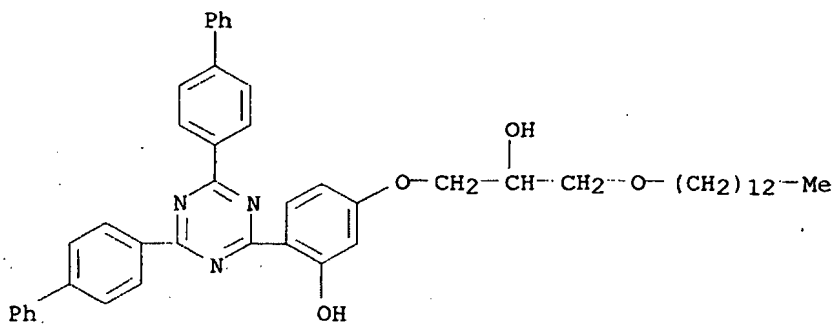


PAGE 1-B



CM 2

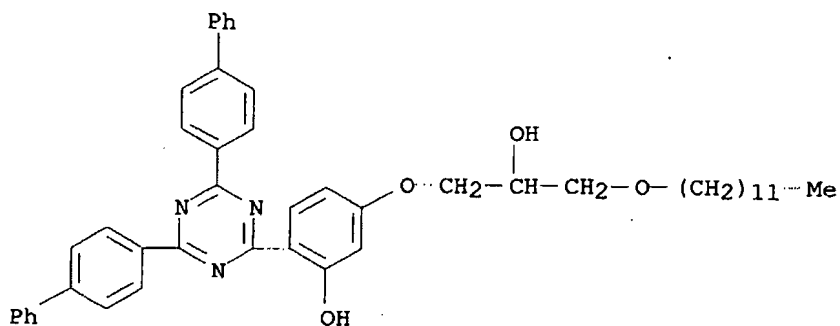
CRN 182918-30-5  
 CMF C49 H55 N3 O4



CM 3

10/921,282

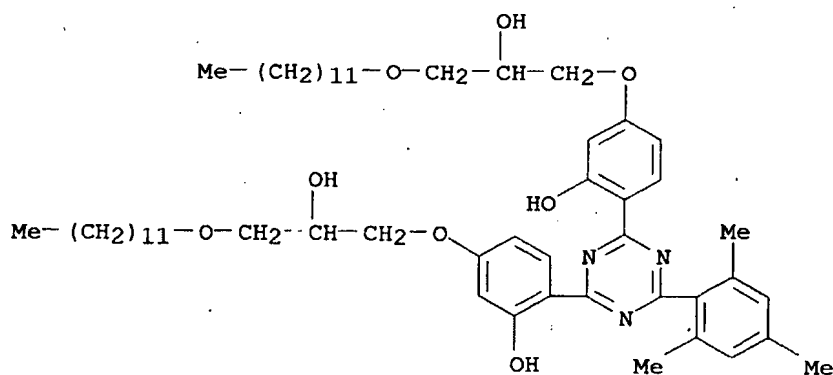
CRN 182918-28-1  
CMF C48 H53 N3 O4



RN 204583-65-3 CAPLUS  
CN 4,7,10,13-Tetraoxaheptadecan-2-ol, 1-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, mixt. with 2,2'-[6-(2,4,6-trimethylphenyl)-1,3,5-triazine-2,4-diyl]bis[5-[3-(dodecyloxy)-2-hydroxypropoxy]phenol] (9CI) (CA INDEX NAME)

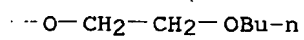
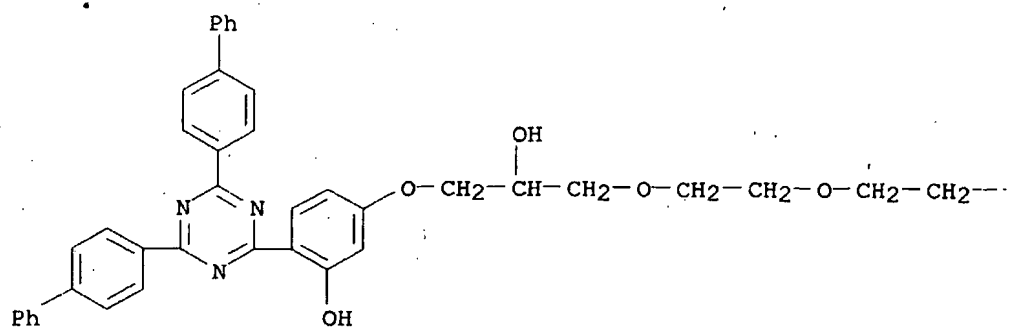
CM 1

CRN 204583-55-1  
CMF C54 H81 N3 O8



CM 2

CRN 202411-93-6  
CMF C46 H49 N3 O7



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AN 1998:196322 CAPLUS  
DN 128:244776  
TI (Hydroxyphenyl)triazines useful as stabilizers for plastics  
IN Hayoz, Pascal; Valet, Andreas; Toan, Vien Van  
PA Ciba-Geigy A.-G., Switz.  
SO Ger. Offen., 44 pp.  
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19739781	A1	19980319	DE 1997-19739781	19970910
	GB 2317174	A1	19980318	GB 1997-19145	19970910
	US 6013704	A	20000111	US 1997-929147	19970910
	CA 2215261	AA	19980313	CA 1997-2215261	19970911
	SE 9703288	A	19980314	SE 1997-3288	19970911
	FR 2753447	A1	19980320	FR 1997-11288	19970911
	BE 1011451	A5	19990907	BE 1997-741	19970911
	NL 1007031	A1	19980316	NL 1997-1007031	19970912
	NL 1007031	C2	19990127		
	JP 10147577	A2	19980602	JP 1997-289007	19970912
	BR 9704717	A	19981222	BR 1997-4717	19970915

PRAI CH 1996-2254 19960913

OS MARPAT 128:244776

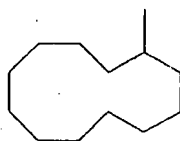
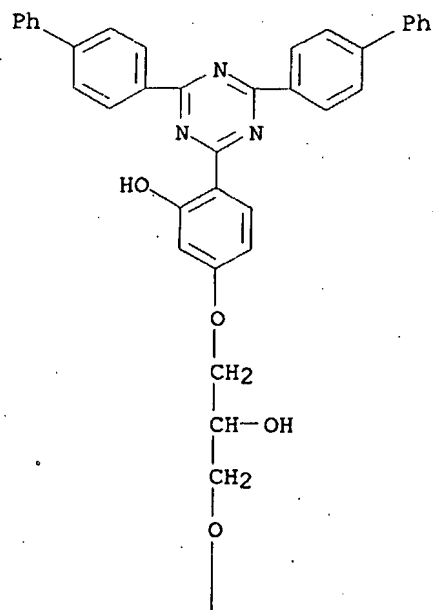
IT **204583-37-9p**

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP  
(Preparation); USES (Uses)

((hydroxyphenyl)triazines useful as stabilizers for plastics)

RN 204583-37-9 CAPLUS

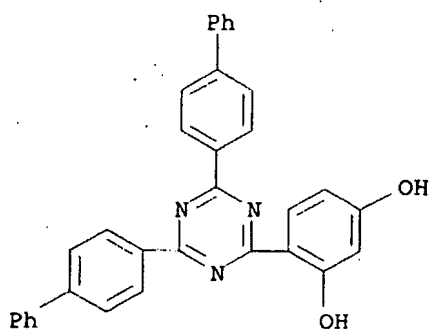
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-  
(cyclododecyloxy)-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)



IT 182918-16-7  
 RL: RCT (Reactant)  
 (reaction with glycidyl ethers)  
 RN 182918-16-7 CAPLUS  
 CN 1,3-Benzenediol, 4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-  
 (9CI) (CA INDEX NAME)



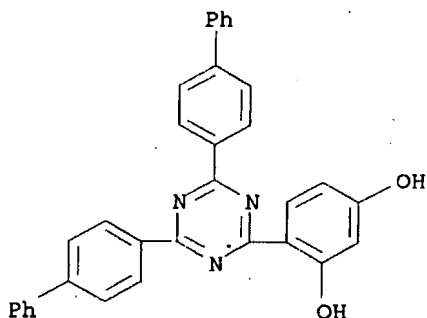
10/921,282



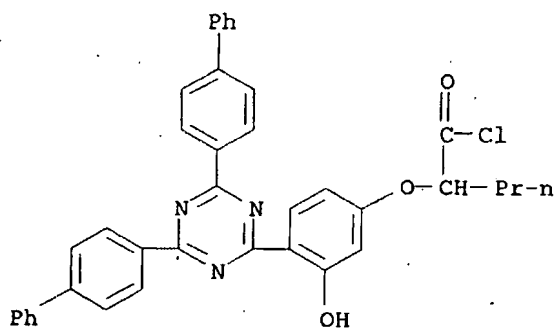
10/921,282

L5 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1998:196320 CAPLUS  
DN 128:263871  
TI Color photographic material with UV-absorber  
IN Hayoz, Pascal; Bulliard, Christophe; Leppard, David George  
PA Ciba-Geigy A.-G., Switz.  
SO Ger. Offen., 108 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19739748	A1	19980319	DE 1997-19739748	19970910
	US 5998116	A	19991207	US 1997-925017	19970908
	FR 2753546	A1	19980320	FR 1997-11290	19970911
	NL 1007027	C2	19980316	NL 1997-1007027	19970912
	JP 10115898	A2	19980506	JP 1997-289005	19970912
PRAI	CH 1996-2252		19960913		
OS	MARPAT 128:263871				
IT	182918-16-7				
	RL: RCT (Reactant)				
	(preparation of UV-absorber for color photog. film)				
RN	182918-16-7 CAPLUS				
CN	1,3-Benzenediol, 4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)				



IT 204989-93-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(preparation of UV-absorber for color photog. film)  
RN 204989-93-5 CAPLUS  
CN Pentanoyl chloride, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)

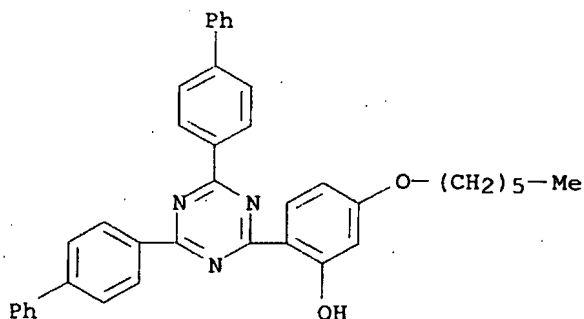


IT 182918-19-0P 182918-22-5P 202411-92-5P  
 202411-93-6P 202411-96-9DP, neo-alkanoate esters  
 202412-08-6P 204583-35-7P 204583-37-9P  
 204583-38-0P 204583-39-1P 204583-40-4P  
 204583-42-6P 204583-43-7P 204583-44-8P  
 204583-45-9P 204583-48-2P 204583-49-3P  
 204583-50-6P 204583-51-7P 204583-52-8P  
 204583-53-9P 204583-54-0P 204848-42-0P  
 204848-45-3P 204848-46-4P 204848-47-5P  
 204848-48-6P 204989-92-4P 205178-63-8P

RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of UV-absorber for color photog. film)

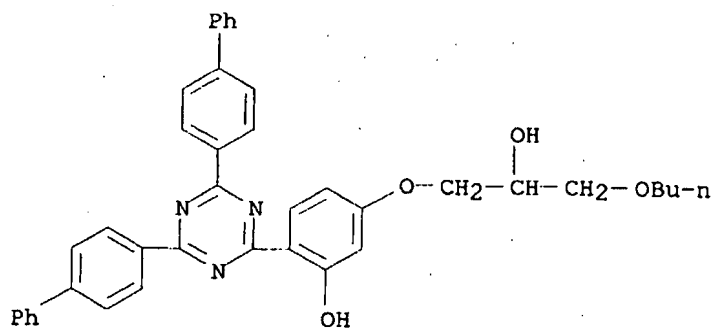
RN 182918-19-0 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(hexyloxy)-  
 (9CI) (CA INDEX NAME)



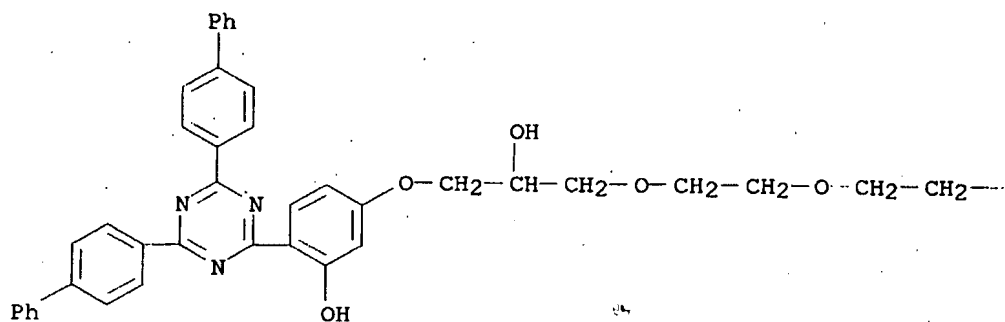
RN 182918-22-5 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(3-butoxy-2-hydroxypropoxy)- (9CI) (CA INDEX NAME)



RN 202411-92-5 CAPLUS  
 CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(2-(2-methoxyethoxy)ethoxy)propoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

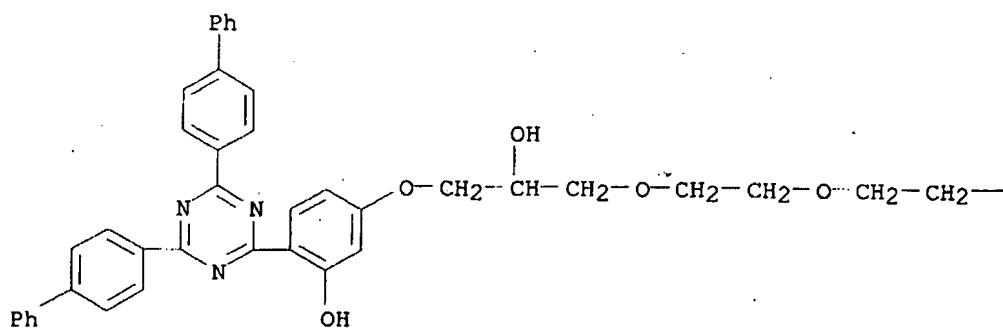


PAGE 1-B

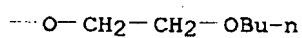
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RN 202411-93-6 CAPLUS  
 CN 4,7,10,13-Tetraoxaheptadecan-2-ol, 1-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)

PAGE 1-A

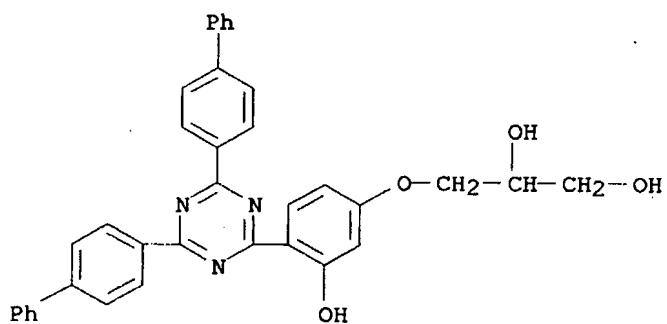


PAGE 1-B



RN 202411-96-9 CAPLUS

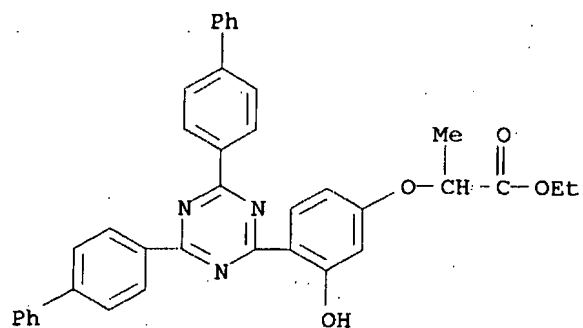
CN 1,2-Propanediol, 3-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)



RN 202412-08-6 CAPLUS

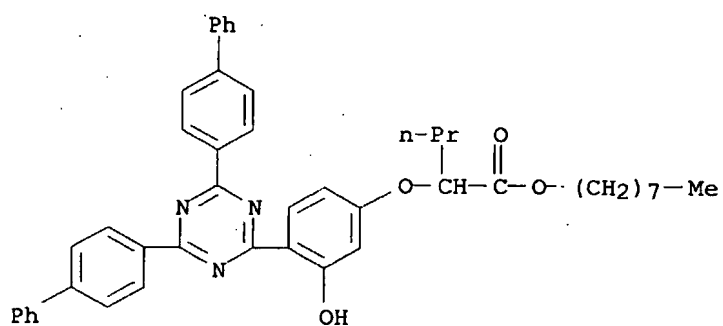
CN Propanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

10/921,282



RN 204583-35-7 CAPLUS

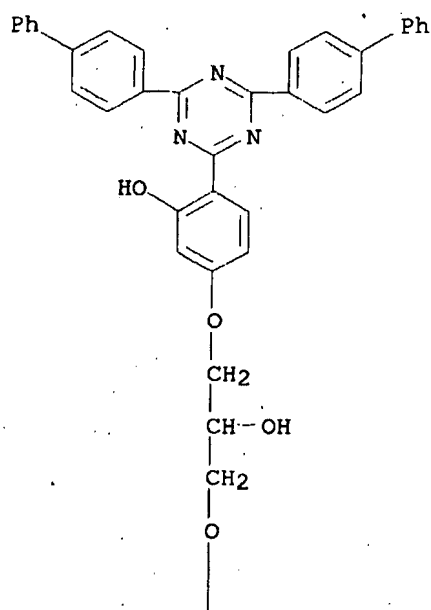
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, octyl ester (9CI) (CA INDEX NAME)



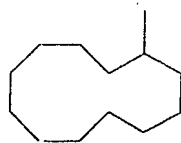
RN 204583-37-9 CAPLUS

CN Phenol, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-(cyclododecyloxy)-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)

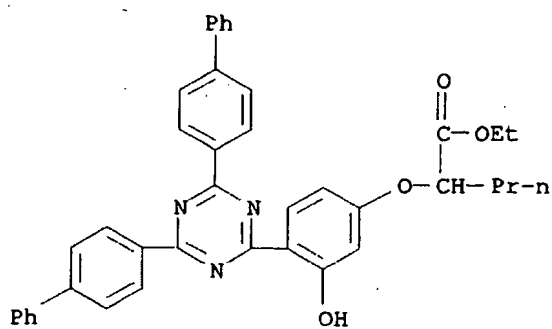
PAGE 1-A



PAGE 2-A



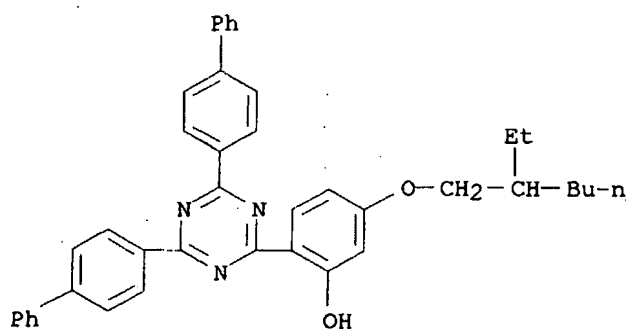
RN 204583-38-0 CAPLUS  
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 204583-39-1 CAPLUS

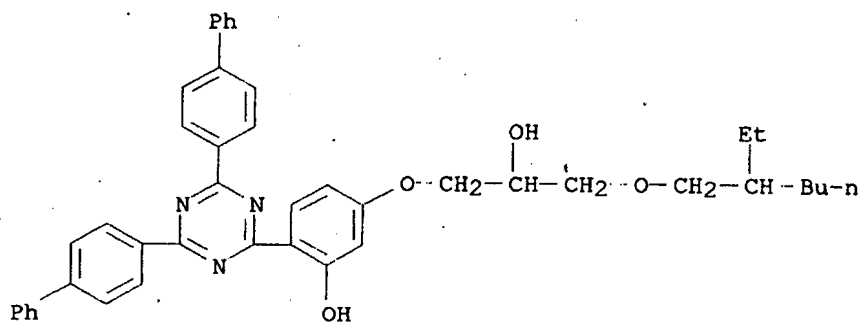
10/921,282

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[(2-ethylhexyl)oxy]- (9CI) (CA INDEX NAME)



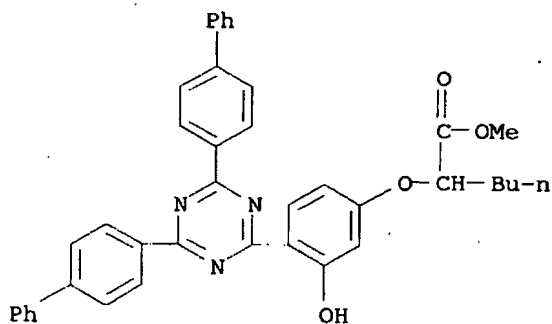
RN 204583-40-4 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-[(2-ethylhexyl)oxy]-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)



RN 204583-42-6 CAPLUS

CN Hexanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



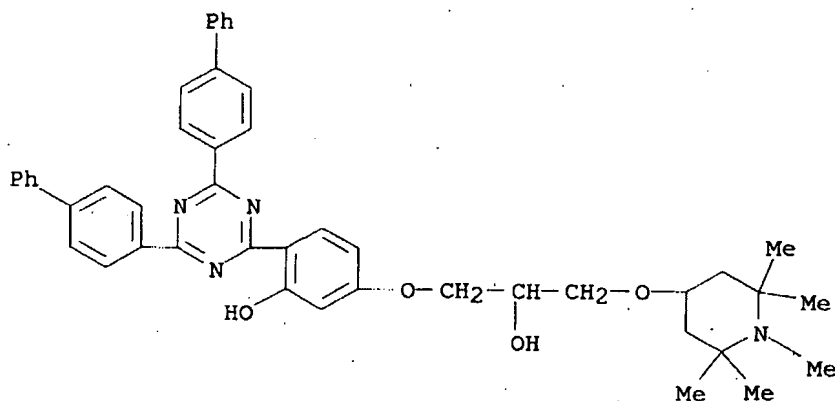
RN 204583-43-7 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-



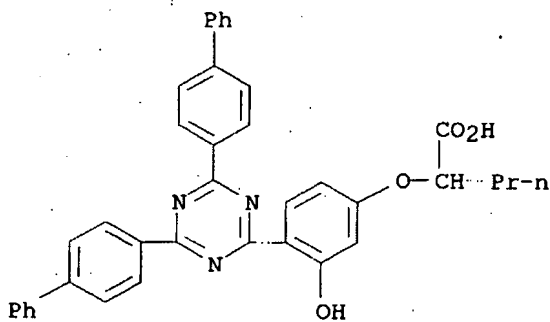
10/921,282

3-[(1,2,2,6,6-pentamethyl-4-piperidinyloxy]propoxy]- (9CI) (CA INDEX NAME)



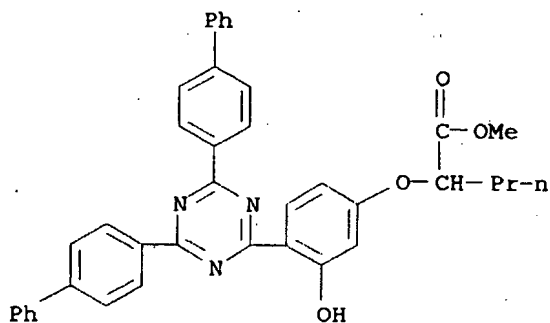
RN 204583-44-8 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis(phenyl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)



RN 204583-45-9 CAPLUS

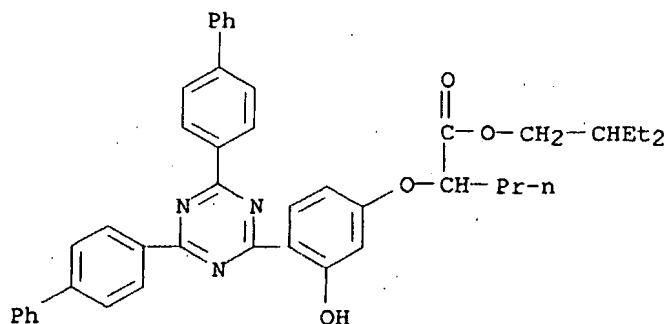
CN Pentanoic acid, 2-[4-[4,6-bis(phenyl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



10/921,282

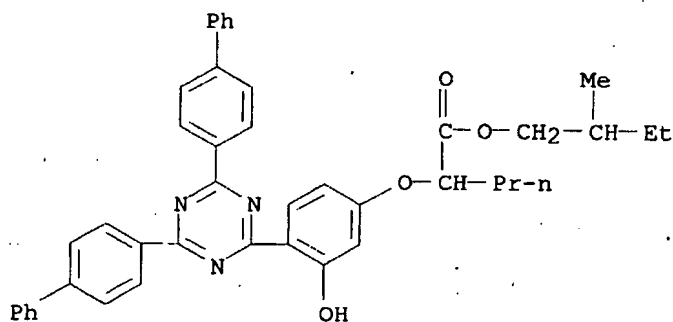
RN 204583-48-2 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 2-ethylbutyl ester (9CI) (CA INDEX NAME)



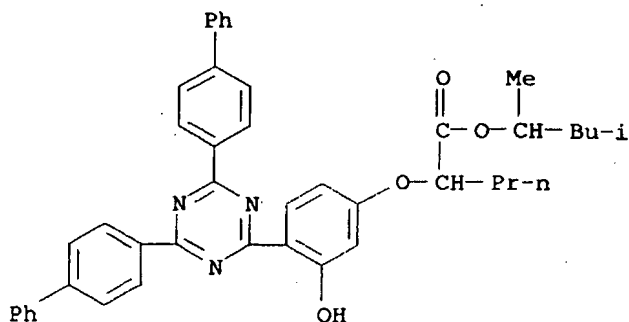
RN 204583-49-3 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 2-methylbutyl ester (9CI) (CA INDEX NAME)



RN 204583-50-6 CAPLUS

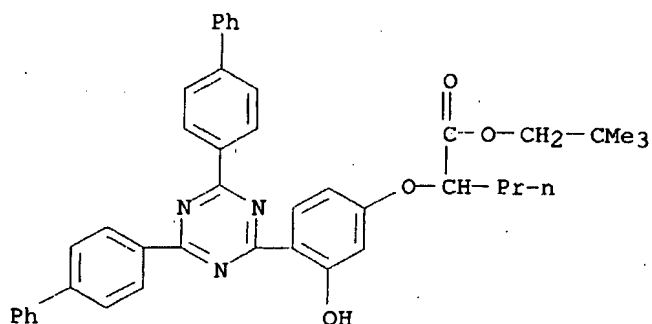
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 1,3-dimethylbutyl ester (9CI) (CA INDEX NAME)



10/921,282

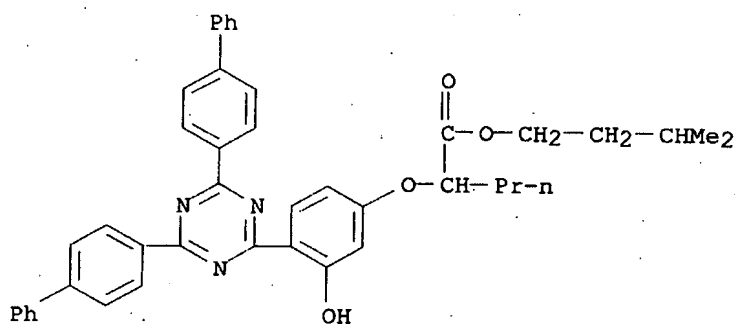
RN 204583-51-7 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 2,2-dimethylpropyl ester (9CI) (CA INDEX NAME)



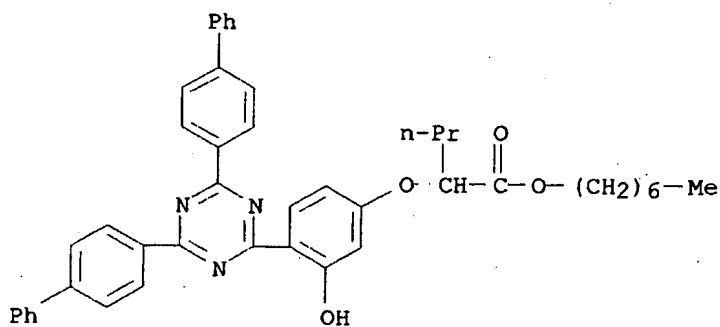
RN 204583-52-8 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, 3-methylbutyl ester (9CI) (CA INDEX NAME)



RN 204583-53-9 CAPLUS

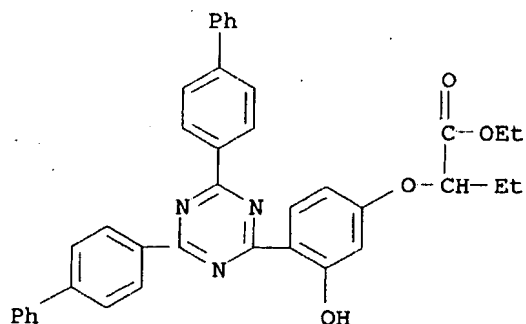
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, heptyl ester (9CI) (CA INDEX NAME)



RN 204583-54-0 CAPLUS

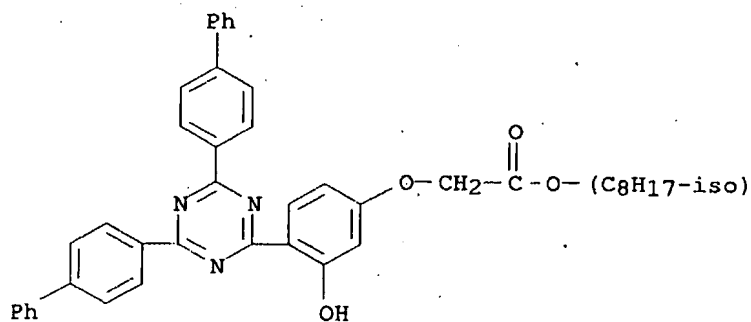
10/921,282

CN Butanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



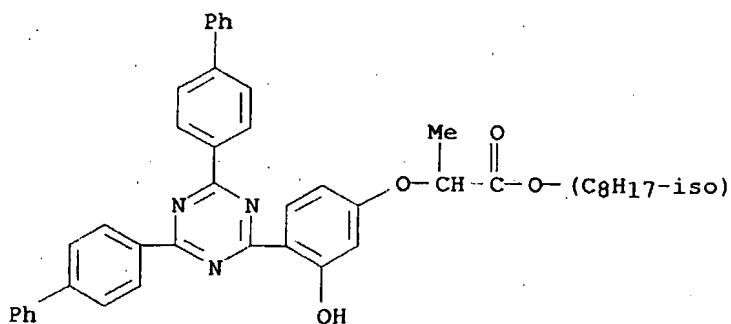
RN 204848-42-0 CAPLUS

CN Acetic acid, [4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)



RN 204848-45-3 CAPLUS

CN Propanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)



RN 204848-46-4 CAPLUS

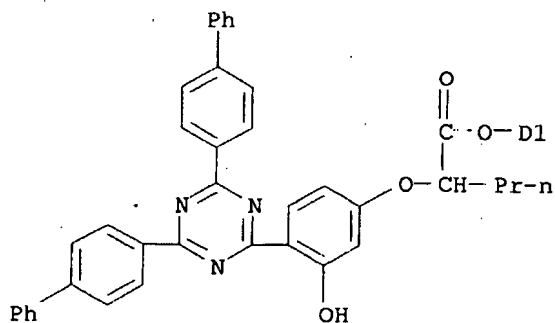
CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)

10/921,282

hydroxyphenoxy]-, methylcyclohexyl ester (9CI) (CA INDEX NAME)

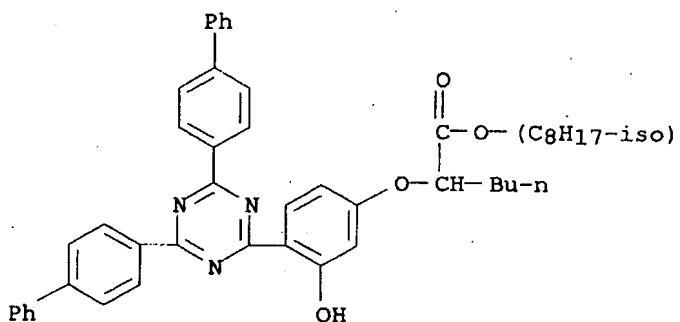


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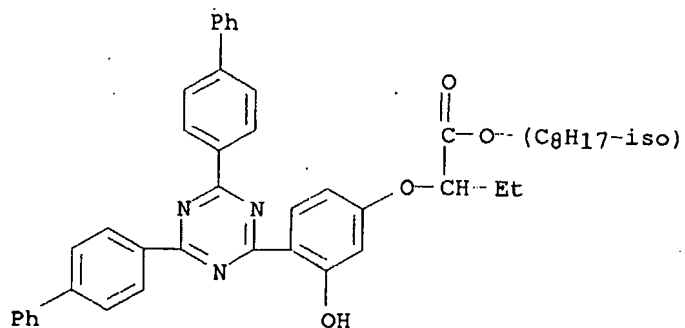
RN 204848-47-5 CAPLUS

CN Hexanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)



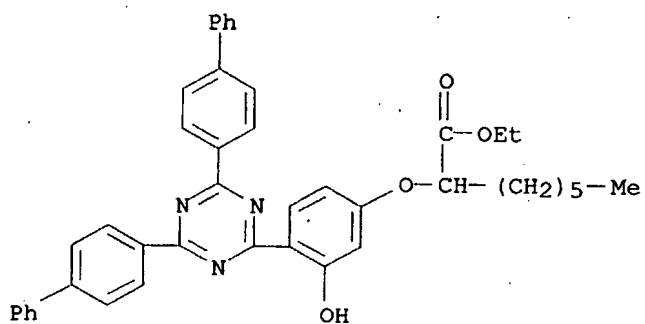
RN 204848-48-6 CAPLUS

CN Butanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)



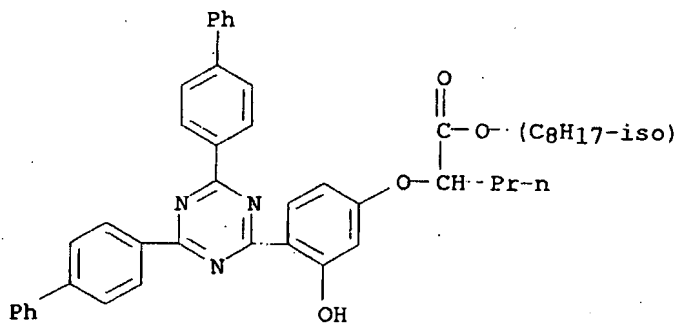
RN 204989-92-4 CAPLUS

CN Octanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 205178-63-8 CAPLUS

CN Pentanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, isooctyl ester (9CI) (CA INDEX NAME)



10/921,282

L5 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1998:180584 CAPLUS  
DN 128:231658  
TI Tris-aryl-s-triazines substituted with biphenyl groups for UV absorbers  
IN Stevenson, Tyler A.; Iyengar, Revathi; Ravichandran, Ramanathan  
PA Ciba Specialty Chemicals Corp., USA  
SO U.S., 13 pp.  
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5726309	A	19980310	US 1996-703751	19960827
	EP 826675	A1	19980304	EP 1997-810583	19970819
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	CA 2213958	AA	19980227	CA 1997-2213958	19970825
	CN 1177618	A	19980401	CN 1997-117677	19970826
	JP 10087637	A2	19980407	JP 1997-244677	19970826
	BR 9704503	A	19981117	BR 1997-4503	19970826
	US 5849821	A	19981215	US 1997-925016	19970908

PRAI US 1996-703751 19960827

OS MARPAT 128:231658

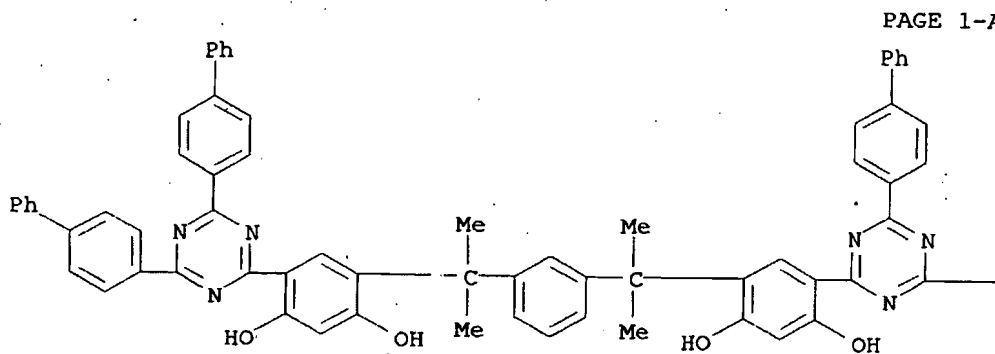
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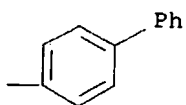
RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses)

(manufacture of UV absorbers from trisaryl triazines substituted with biphenyl groups for use in coatings and others)

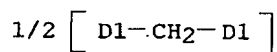
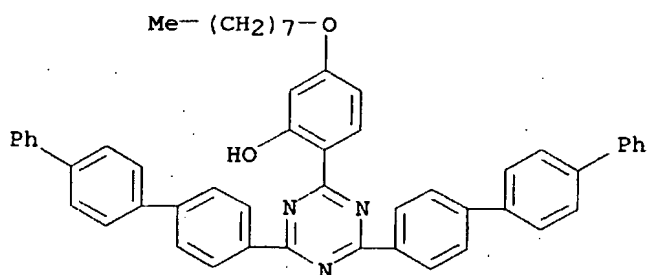
RN 204129-95-3 CAPLUS

CN 1,3-Benzenediol, 4,4'-[1,3-phenylenebis(1-methylethylidene)]bis[6-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



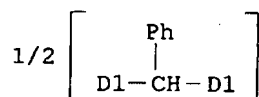
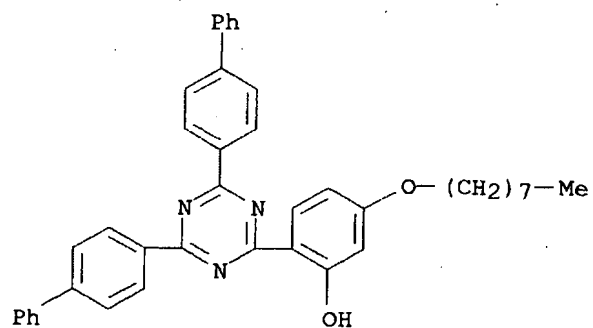


RN 204328-80-3 CAPLUS  
 CN Phenol, methylenebis[2-[4,6-bis([1,1':4',1''-terphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(octyloxy)- (9CI) (CA INDEX NAME)



RN 204328-81-4 CAPLUS  
 CN Phenol, (phenylmethylene)bis[2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(octyloxy)- (9CI) (CA INDEX NAME)





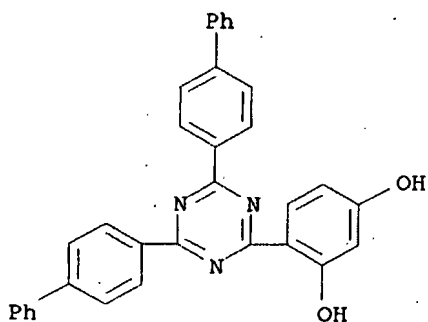
IT 182918-16-7 182918-25-8 204129-96-4

RL: RCT (Reactant)

(reactant in manufacture of UV absorbers for use in coatings)

RN 182918-16-7 CAPLUS

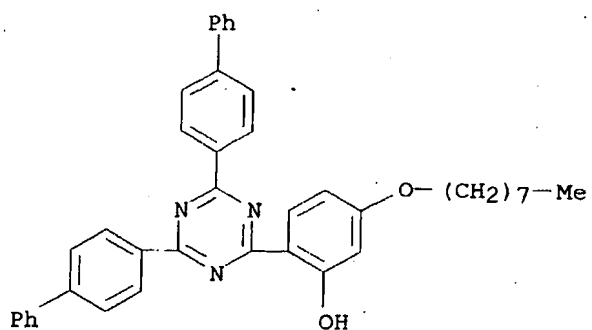
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(9CI) (CA INDEX NAME)



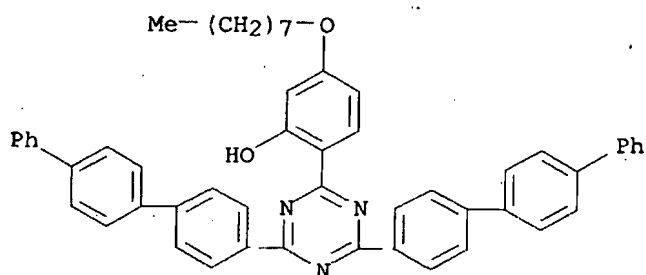
RN 182918-25-8 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(octyloxy)-  
(9CI) (CA INDEX NAME)

10/921,282



RN 204129-96-4 CAPLUS  
CN Phenol, 2-[4,6-bis([1,1':4',1''-terphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(octyloxy)- (9CI) (CA INDEX NAME)

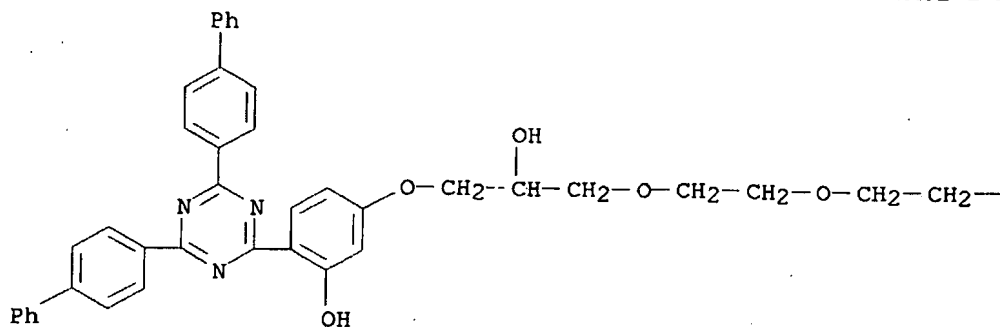


10/921,282

L5 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1998:87716 CAPLUS  
DN 128:154827  
TI Polyoxyalkene substituted and bridged triazine, benzotriazole and  
benzophenone derivatives as UV absorbers  
IN Toan, Vien Van; Valet, Andreas; Hayoz, Pascal  
PA Ciba Specialty Chemicals Holding Inc., Switz.; Toan, Vien Van; Valet,  
Andreas; Hayoz, Pascal  
SO PCT Int. Appl., 152 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9803489	A1	19980129	WO 1997-EP3567	19970707
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	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2258523	AA	19980129	CA 1997-2258523	19970707
	AU 9736204	A1	19980210	AU 1997-36204	19970707
	EP 912531	A1	19990506	EP 1997-932777	19970707
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PRAI	CH 1996-1806		19960718		
	WO 1997-EP3567		19970707		
OS	MARPAT 128:154827				
IT	202411-92-5P 202411-93-6P 202411-94-7P 202411-95-8P 202412-04-2P 202412-06-4P 202412-18-8P 202412-19-9P 202412-20-2P 202412-21-3P 202412-31-5P				
RL:	IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses) (polyoxyalkene substituted and bridged triazine, benzotriazole and benzophenone derivs. as UV absorbers)				
RN	202411-92-5 CAPLUS				
CN	Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-[2-(2-methoxyethoxy)ethoxy]propoxy]-(9CI) (CA INDEX NAME)				

PAGE 1-A

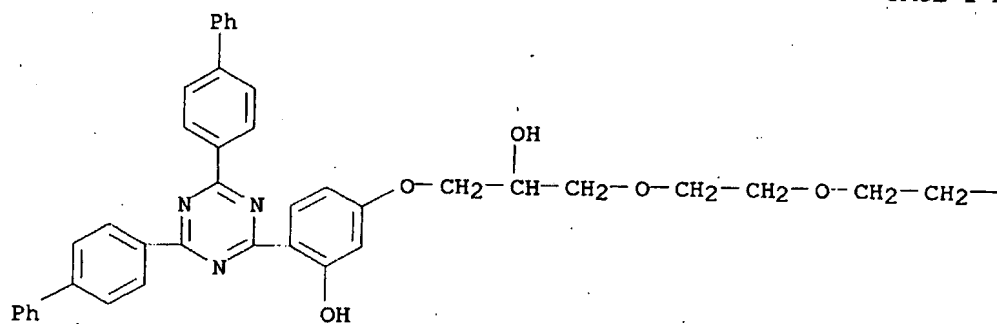


PAGE 1-B

—OMe

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PAGE 1-A

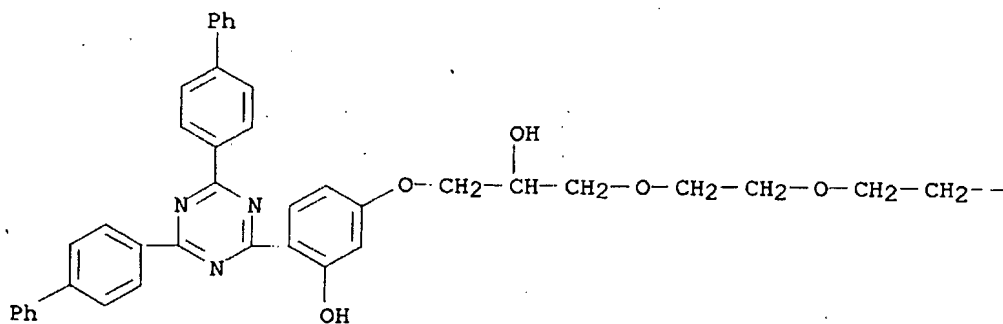


PAGE 1-B

—O—CH<sub>2</sub>—CH<sub>2</sub>—OBu-n

RN 202411-94-7 CAPLUS

PAGE 1-A


$$-\text{O}-\text{CH}_2-\text{CH}_2-\text{OMe}$$

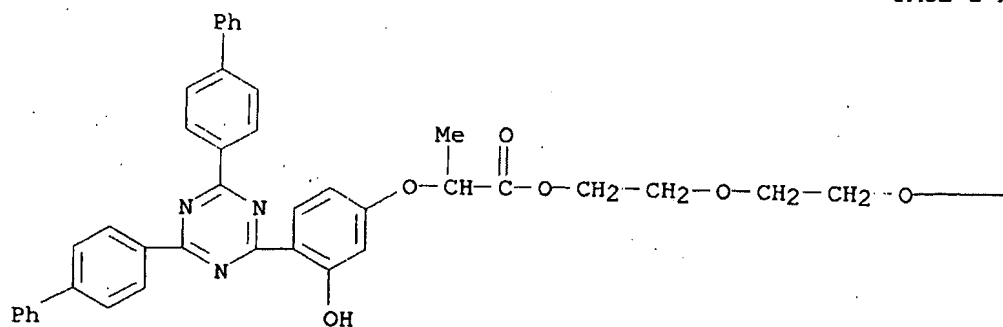
RN 202411-95-8 CAPLUS

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RN 202412-04-2 CAPLUS

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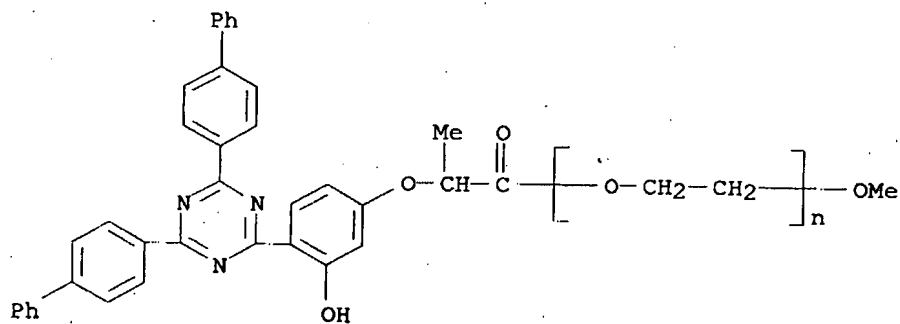


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RN 202412-06-4 CAPLUS

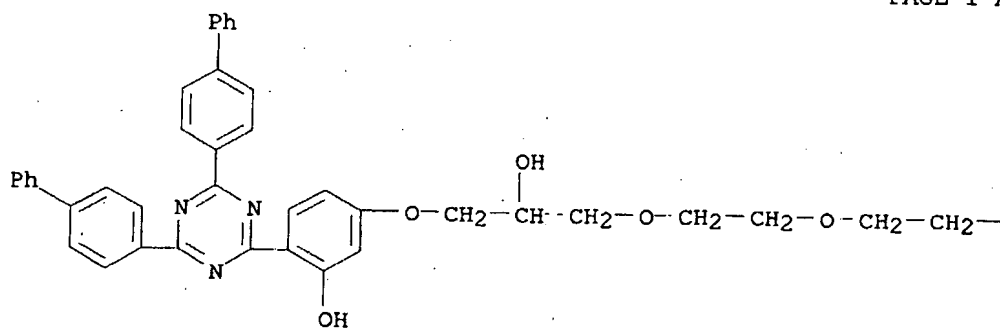
CN Poly(oxy-1,2-ethanediyl), α-[2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-1-oxopropyl]-ω-methoxy- (9CI)  
(CA INDEX NAME)



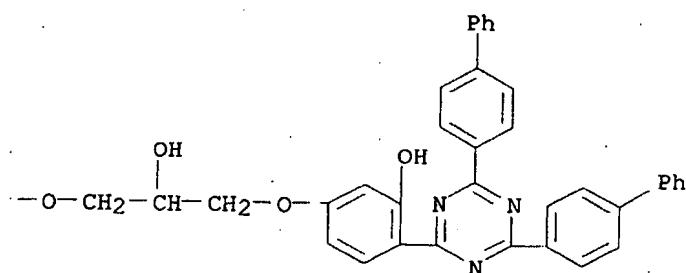
RN 202412-18-8 CAPLUS

CN Phenol, 3,3'-[oxybis[2,1-ethanediyl]oxy(2-hydroxy-3,1-propanediyl)oxy]bis[6-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)

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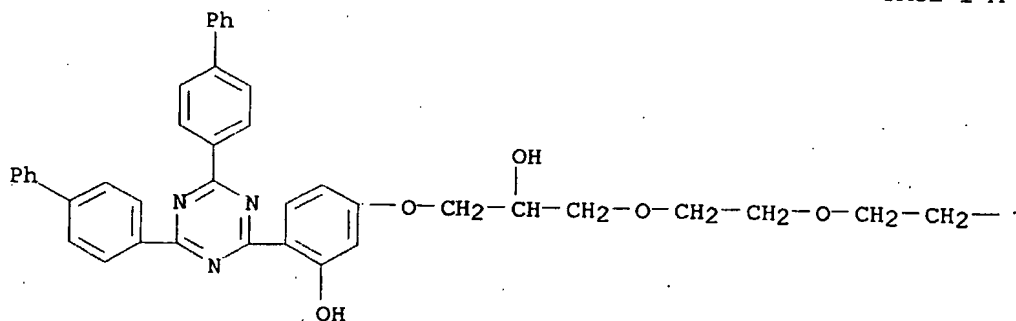


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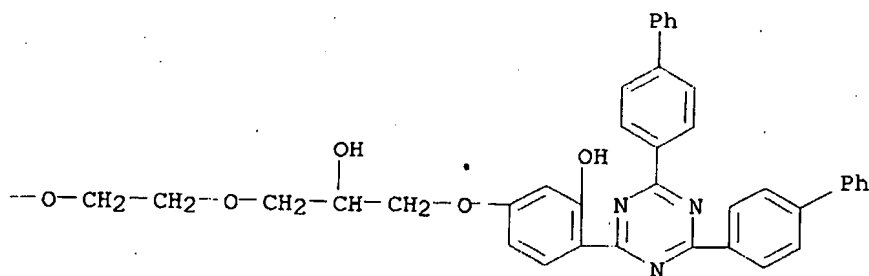


RN 202412-19-9 CAPLUS  
 CN 4,7,10,13-Tetraoxahexadecane-2,15-diol, 1,16-bis[4-[4,6-bis([1,1'-  
 biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX  
 NAME)

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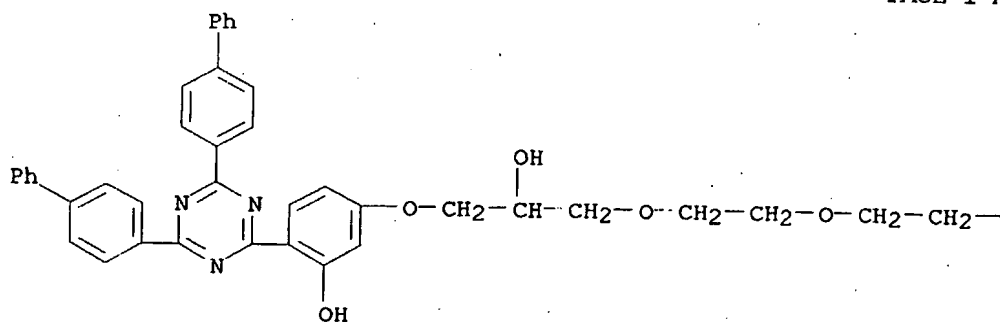


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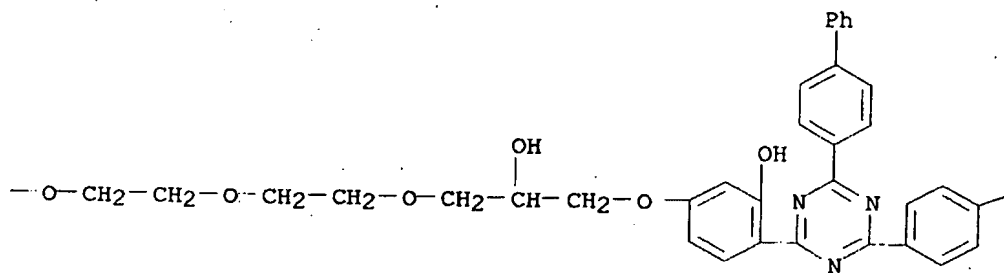


RN 202412-20-2 CAPLUS  
 CN 4,7,10,13,16-Pentaoxanonadecane-2,18-diol, 1,19-bis[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)

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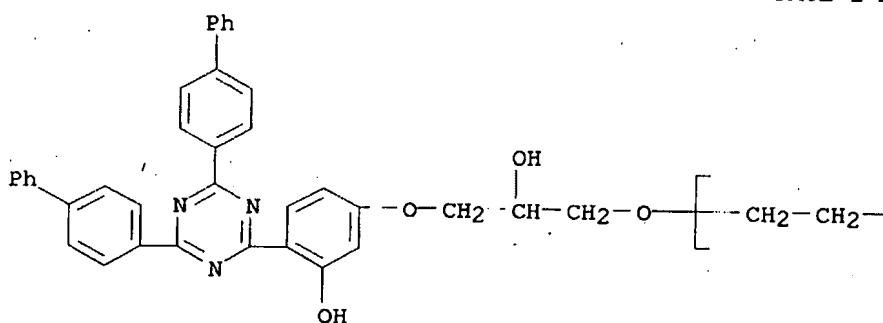




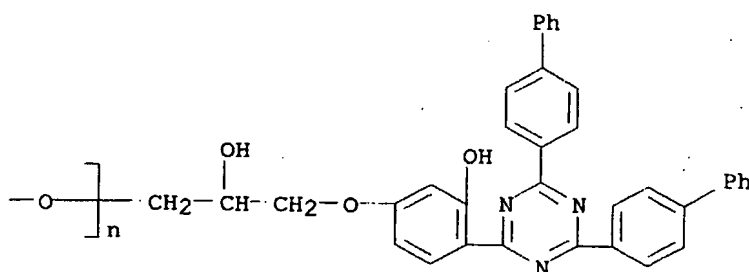
— Ph

RN 202412-21-3 CAPLUS  
 CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -[3-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-2-hydroxypropyl]- $\omega$ -[3-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)

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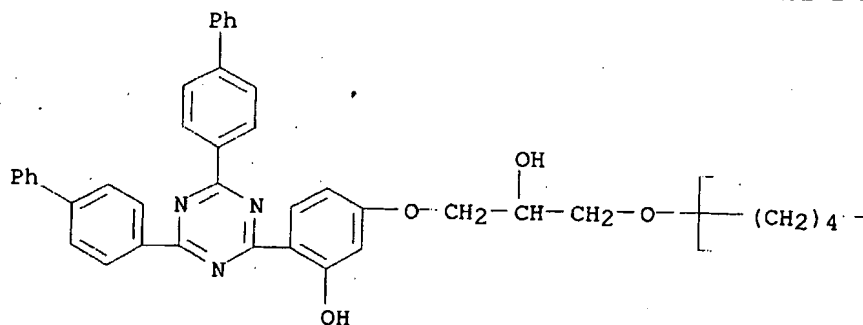


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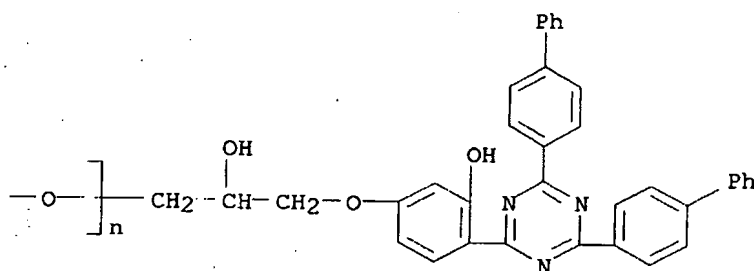


RN 202412-31-5 CAPLUS  
 CN Poly(oxy-1,4-butanediyl),  $\alpha$ -[3-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-2-hydroxypropyl]- $\omega$ -[3-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)

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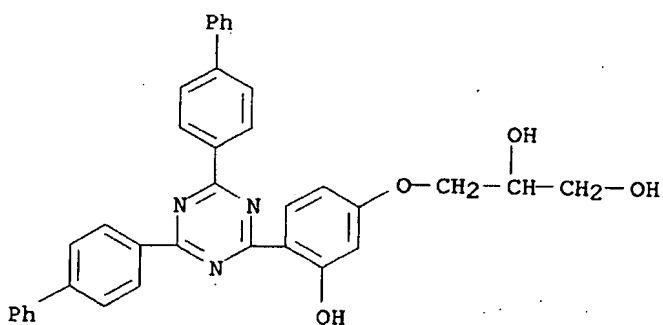
IT 202411-96-9 202412-08-6

RL: RCT (Reactant)

(polyoxyalkene substituted and bridged triazine, benzotriazole and benzophenone derivs. as UV absorbers)

RN 202411-96-9 CAPLUS

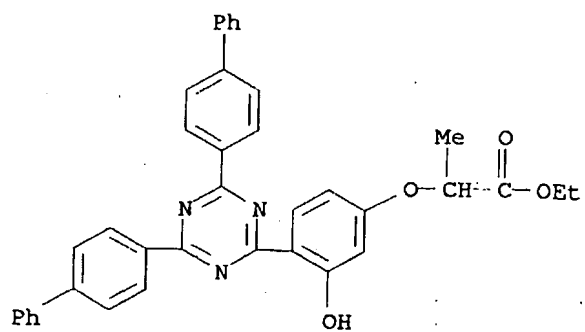
CN 1,2-Propanediol, 3-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]- (9CI) (CA INDEX NAME)



RN 202412-08-6 CAPLUS

CN Propanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)

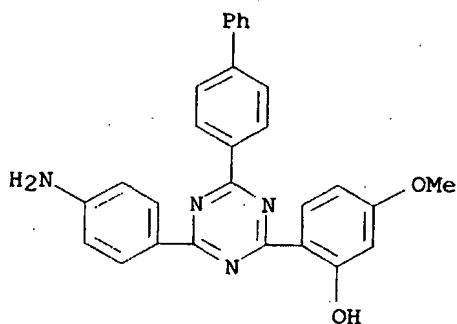
10/921,282



10/921,282

LS ANSWER 10 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1997:679068 CAPLUS  
DN 127:331511  
TI Preparation of amino- and hydroxy-substituted triphenyl-s-triazines as stabilizers for organic materials.  
IN Reinehr, Dieter; Metzger, Georges; Michaelis, Peter; Luther, Helmut  
PA Ciba Specialty Chemicals Holding Inc., Switz.; Reinehr, Dieter; Metzger, Georges; Michaelis, Peter; Luther, Helmut  
SO PCT Int. Appl., 87 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

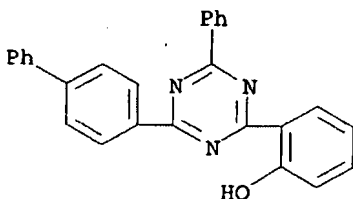
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9736880	A1	19971009	WO 1997-EP1331	19970317
	W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2249570	AA	19971009	CA 1997-2249570	19970317
	AU 9720280	A1	19971022	AU 1997-20280	19970317
	CN 1216985	A	19990519	CN 1997-194224	19970317
	BR 9708418	A	19990803	BR 1997-8418	19970317
	GB 2311778	A1	19971008	GB 1997-6352	19970326
	NO 9804597	A	19981201	NO 1998-4597	19981001
PRAI	GB 1996-6970		19960402		
	WO 1997-EP1331		19970317		
OS	MARPAT 127:331511				
IT	197909-83-4P				
	RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)				
	(preparation of amino- and hydroxy-substituted triphenyl-s-triazines as stabilizers for organic materials)				
RN	197909-83-4 CAPLUS				
CN	Phenol, 2-[4-(4-aminophenyl)-6-[1,1'-biphenyl]-4-yl-1,3,5-triazin-2-yl]-5-methoxy- (9CI) (CA INDEX NAME)				



10/921,282

L5 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1997:224042 CAPLUS  
DN 126:216456  
TI Sunscreen compositions containing triazines  
IN Luther, Helmut; Stehlein, Albert; Minklei, Marina  
PA Ciba-Geigy A.-G., Switz.; Luther, Helmut; Stehlein, Albert; Minklei, Marina  
SO PCT Int. Appl., 41 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

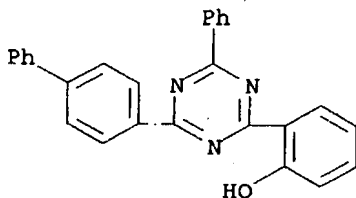
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9703643	A1	19970206	WO 1996-EP3044	19960711
	W:	AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2227004	AA	19970206	CA 1996-2227004	19960711
	AU 9665199	A1	19970218	AU 1996-65199	19960711
	AU 699875	B2	19981217		
	EP 840595	A1	19980513	EP 1996-924893	19960711
	R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE, PT			
	BR 9609538	A	19990223	BR 1996-9538	19960711
	JP 2000501064	T2	20000202	JP 1997-506256	19960711
	GB 2303549	A1	19970226	GB 1996-14912	19960716
	US 5980872	A	19991109	US 1998-26	19980420
PRAI	GB 1995-15048		19950722		
	WO 1996-EP3044		19960711		
OS	MARPAT 126:216456				
IT	182917-61-9				
	RL:	BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)			
		(sunscreens compns. containing triazines)			
RN	182917-61-9	CAPLUS			
CN	Phenol, 2-(4-[1,1'-biphenyl]-4-yl-6-phenyl-1,3,5-triazin-2-yl)- (9CI)	(CA INDEX NAME)			



10/921,282

L5 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1997:187205 CAPLUS  
DN 126:190759  
TI A triazine compound for sunscreen compositions  
IN Stehlin, Albert; Kreyer, Gilbert; Luther, Helmut  
PA Ciba-Geigy A.-G., Switz.; Stehlin, Albert; Kreyer, Gilbert; Luther, Helmut  
SO PCT Int. Appl., 37 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

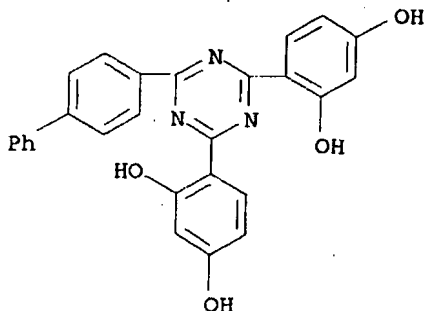
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9703642	A1	19970206	WO 1996-EP3043	19960711
	W:	AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9666142	A1	19970218	AU 1996-66142	19960711
	GB 2303548	A1	19970226	GB 1996-14911	19960716
PRAI	GB 1995-15049	19950722			
	GB 1996-4154	19960227			
	WO 1996-EP3043	19960711			
OS	MARPAT 126:190759				
IT	182917-61-9				
	RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)				
	(triazine derivs. as sunscreens)				
RN	182917-61-9 CAPLUS				
CN	Phenol, 2-(4-[1,1'-biphenyl]-4-yl-6-phenyl-1,3,5-triazin-2-yl)- (9CI) (CA INDEX NAME)				



10/921,282

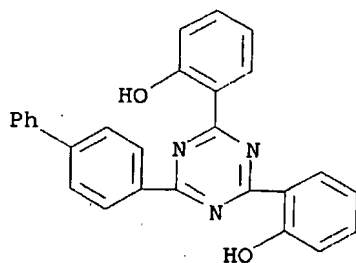
L5 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1996:661129 CAPLUS  
DN 125:301025  
TI Biphenyl-substituted triazines as light stabilizers  
IN Fletcher, Ian John; Kaschig, Juergen; Metzger, Georges; Reinehr, Dieter;  
Hayoz, Pascal  
PA Ciba-Geigy A.-G., Switz.  
SO PCT Int. Appl., 93 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9628431	A1	19960919	WO 1996-EP945	19960306
	W:	AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2211749	AA	19960919	CA 1996-2211749	19960306
	AU 9649455	A1	19961002	AU 1996-49455	19960306
	AU 700194	B2	19981224		
	BR 9607477	A	19971223	BR 1996-7477	19960306
	EP 815089	A1	19980107	EP 1996-905865	19960306
	R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE			
	CN 1178527	A	19980408	CN 1996-192565	19960306
	JP 11503112	T2	19990323	JP 1996-527241	19960306
	NO 9704224	A	19971106	NO 1997-4224	19970912
PRAI	CH 1995-740	19950315			
	CH 1995-3269	19951117			
	WO 1996-EP945	19960306			
OS	MARPAT 125:301025				
IT	4000-90-2P 182917-81-3P 182918-16-7P 182918-22-5P				
	RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(biphenyl-substituted triazines as light stabilizers)				
RN	4000-90-2 CAPLUS				
CN	1,3-Benzenediol, 4,4'-(6-[1,1'-biphenyl]-4-yl-1,3,5-triazine-2,4-diyl)bis-(9CI) (CA INDEX NAME)				

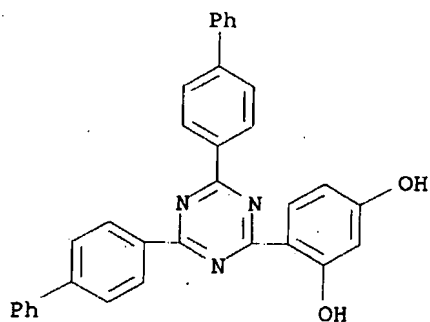


10/921,282

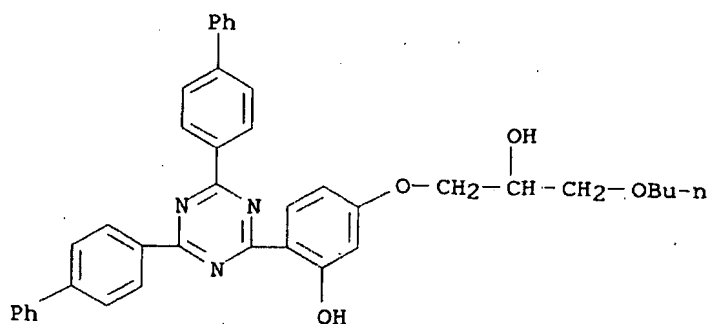
RN 182917-81-3 CAPLUS  
CN Phenol, 2,2'-(6-[1,1'-biphenyl]-4-yl-1,3,5-triazine-2,4-diyl)bis- (9CI)  
(CA INDEX NAME)



RN 182918-16-7 CAPLUS  
CN 1,3-Benzenediol, 4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



RN 182918-22-5 CAPLUS  
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(3-butoxy-2-hydroxypropoxy)- (9CI) (CA INDEX NAME)



IT 182917-61-9P 182917-66-4P 182917-75-5P  
182917-85-7P 182917-93-7P 182918-01-0P



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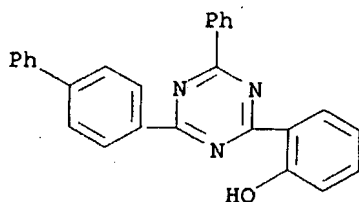
182918-06-5P 182918-11-2P 182918-19-0P  
182918-25-8P 182918-32-7P 182918-35-0P  
182918-38-3P 182918-41-8P 182918-44-1P

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);  
SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);  
USES (Uses)

(biphenyl-substituted triazines as light stabilizers)

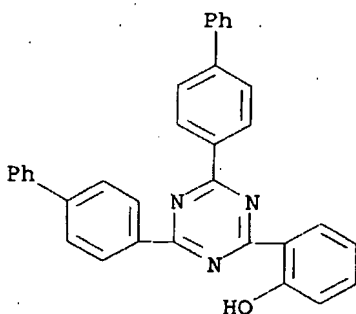
RN 182917-61-9 CAPLUS

CN Phenol, 2-(4-[1,1'-biphenyl]-4-yl-6-phenyl-1,3,5-triazin-2-yl)- (9CI) (CA  
INDEX NAME)



RN 182917-66-4 CAPLUS

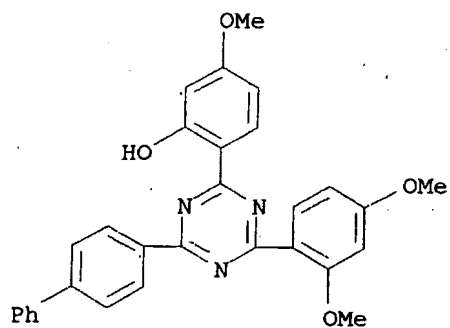
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl)- (9CI) (CA  
INDEX NAME)



RN 182917-75-5 CAPLUS

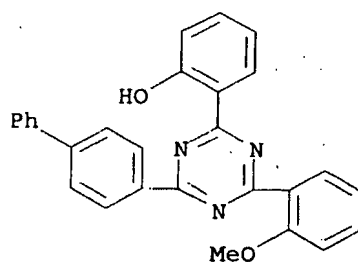
CN Phenol, 2-[4-[1,1'-biphenyl]-4-yl-6-(2,4-dimethoxyphenyl)-1,3,5-triazin-2-yl]-5-methoxy- (9CI) (CA INDEX NAME)

10/921,282



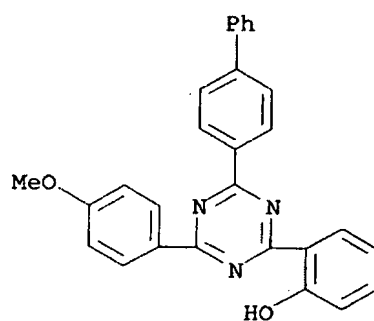
RN 182917-85-7 CAPLUS

CN Phenol, 2-[4-[1,1'-biphenyl]-4-yl-6-(2-methoxyphenyl)-1,3,5-triazin-2-yl]-  
(9CI) (CA INDEX NAME)



RN 182917-93-7 CAPLUS

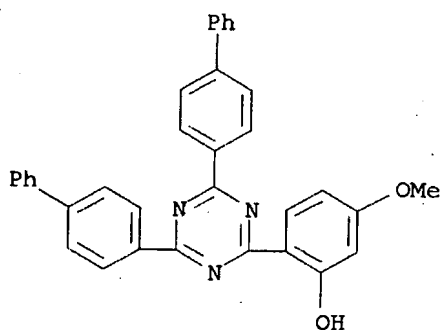
CN Phenol, 2-[4-[1,1'-biphenyl]-4-yl-6-(4-methoxyphenyl)-1,3,5-triazin-2-yl]-  
(9CI) (CA INDEX NAME)



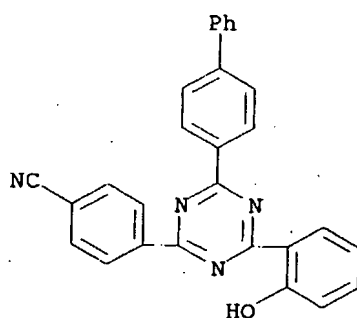
RN 182918-01-0 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-methoxy-  
(9CI) (CA INDEX NAME)

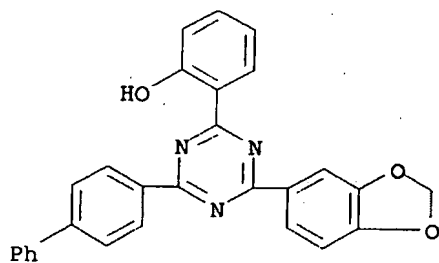
10/921,282



RN 182918-06-5 CAPLUS  
CN Benzonitrile, 4-[4-([1,1'-biphenyl]-4-yl)-6-(2-hydroxyphenyl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)

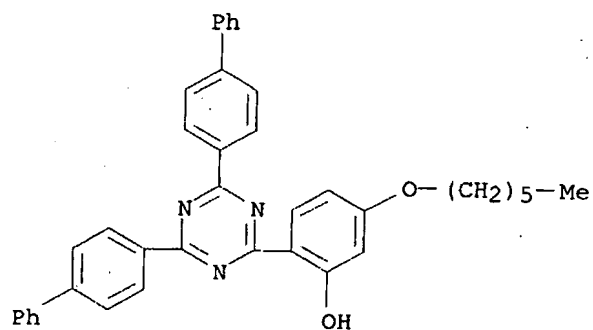


RN 182918-11-2 CAPLUS  
CN Phenol, 2-[4-(1,3-benzodioxol-5-yl)-6-[1,1'-biphenyl]-4-yl]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)

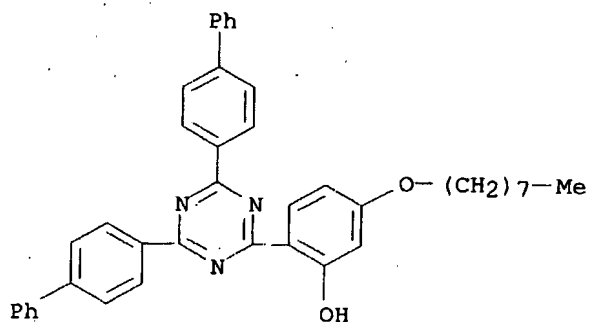


RN 182918-19-0 CAPLUS  
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(hexyloxy)- (9CI) (CA INDEX NAME)

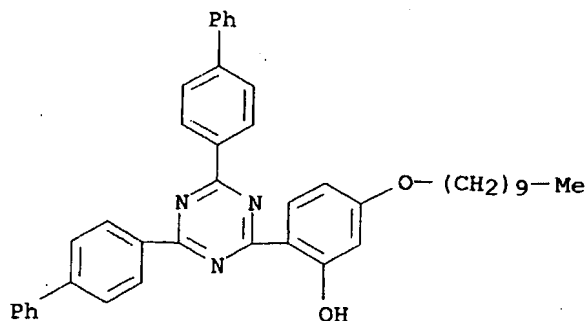
10/921,282



RN 182918-25-8 CAPLUS  
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(octyloxy)-  
(9CI) (CA INDEX NAME)

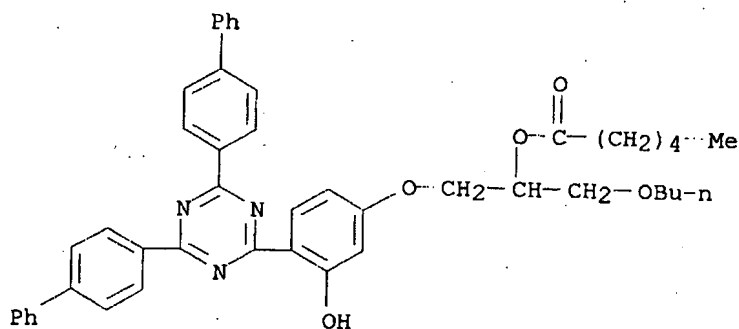


RN 182918-32-7 CAPLUS  
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(decyloxy)-  
(9CI) (CA INDEX NAME)



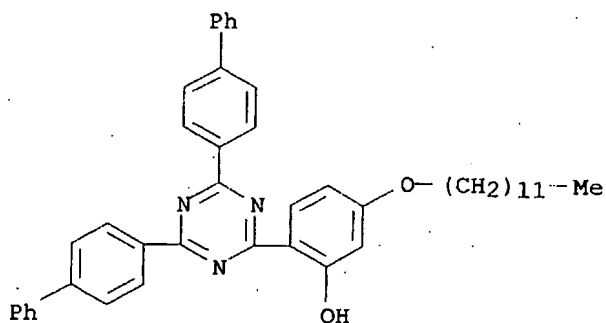
RN 182918-35-0 CAPLUS  
CN Hexanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-1-(butoxymethyl)ethyl ester (9CI) (CA INDEX NAME)

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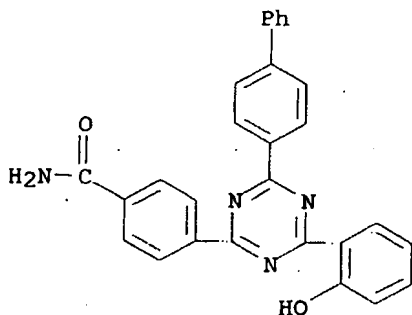
RN 182918-38-3 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-(dodecyloxy)- (9CI) (CA INDEX NAME)



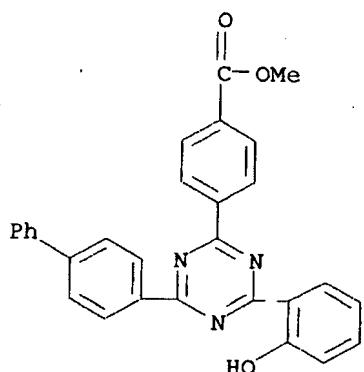
RN 182918-41-8 CAPLUS

CN Benzamide, 4-[4-[1,1'-biphenyl]-4-yl-6-(2-hydroxyphenyl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



RN 182918-44-1 CAPLUS

CN Benzoic acid, 4-[4-[1,1'-biphenyl]-4-yl-6-(2-hydroxyphenyl)-1,3,5-triazin-2-yl]-, methyl ester (9CI) (CA INDEX NAME)



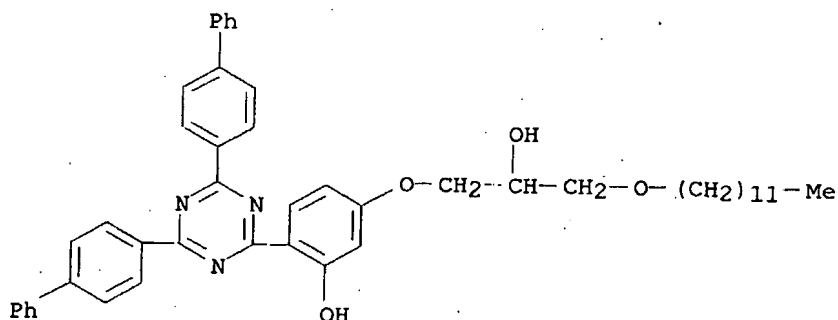
## IT 182918-28-1P

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);  
 SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);  
 USES (Uses)

(dodecyl isomer mixture; biphenyl-substituted triazines as light stabilizers)

RN 182918-28-1 CAPLUS

CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[3-(dodecyloxy)-2-hydroxypropoxy]- (9CI) (CA INDEX NAME)



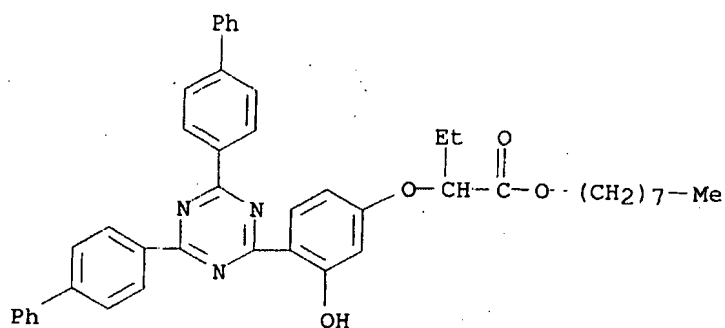
## IT 182918-46-3P

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);  
 SPN (Synthetic preparation); BIOL (Biological study); PREP (Préparation);  
 USES (Uses)

(octyl isomer mixture; biphenyl-substituted triazines as light stabilizers)

RN 182918-46-3 CAPLUS

CN Butanoic acid, 2-[4-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-3-hydroxyphenoxy]-, octyl ester (9CI) (CA INDEX NAME)



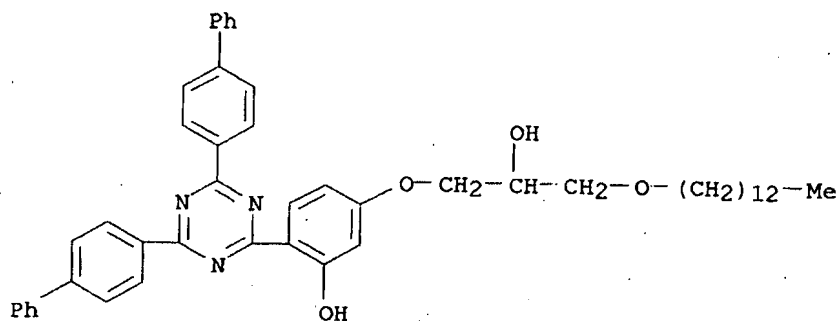
IT **182918-30-5P**

RL: BUU (Biological use, unclassified); MOA (Modifier or additive use);  
 SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);  
 USES (Uses)

(tridecyl isomer mixture; biphenyl-substituted triazines as light stabilizers)

RN 182918-30-5 CAPLUS

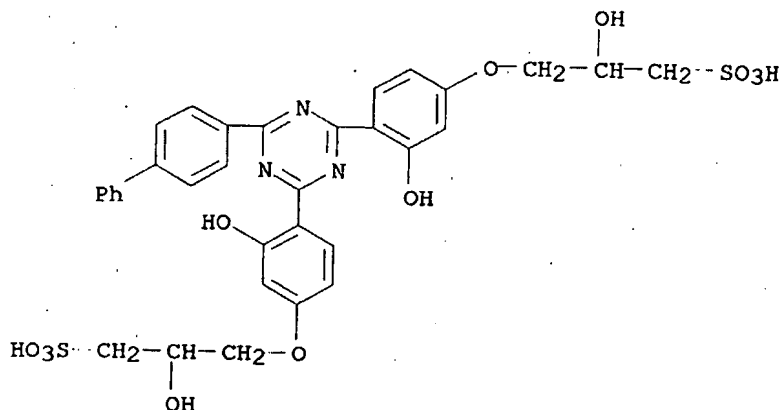
CN Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[2-hydroxy-3-(tridecyloxy)propoxy]- (9CI) (CA INDEX NAME)



10/921,282

L5 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1986:524162 CAPLUS  
DN 105:124162  
TI Hydroxyphenyltriazines and their use as UV absorbers  
IN Fryberg, Mario; Jan, Gerald; Mariaca, Raul; Kramp, Ekkehard  
PA Ciba-Geigy A.-G., Switz.  
SO Eur. Pat. Appl., 60 pp.  
CODEN: EPXXDW  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 165608	A2	19851227	EP 1985-107628	19850620
	EP 165608	A3	19861203		
	EP 165608	B1	19910102		
	R: BE, CH, DE, FR, GB, IT, LI, NL				
	JP 61024577	A2	19860203	JP 1985-135839	19850621
	JP 05017226	B4	19930308		
PRAI	CH 1984-3028		19840622		
IT	104209-43-0				
	RL: DEV (Device component use); USES (Uses) (color photog. film containing, as UV absorber)				
RN	104209-43-0 CAPLUS				
CN	1-Propanesulfonic acid, 3,3'-[(6-[1,1'-biphenyl]-4-yl-1,3,5-triazine-2,4-diyl)bis[(3-hydroxy-4,1-phenylene)oxy]]bis[2-hydroxy-, dipotassium salt (9CI) (CA INDEX NAME)				

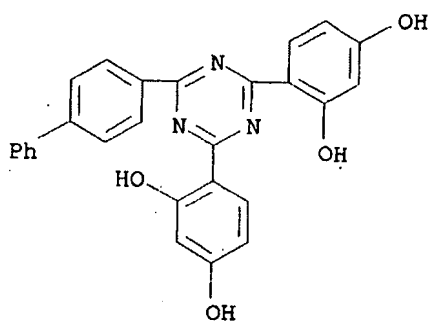


● 2 K

IT 4000-90-2P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and reactions of)  
RN 4000-90-2 CAPLUS  
CN 1,3-Benzenediol, 4,4'-(6-[1,1'-biphenyl]-4-yl-1,3,5-triazine-2,4-diyl)bis-  
(9CI) (CA INDEX NAME)



10/921,282

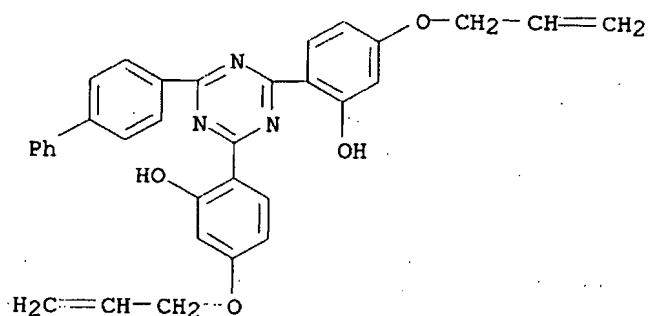


10/921,282

L5 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1970:121590 CAPLUS  
DN 72:121590  
TI Hydroxyphenyl-s-triazine protective materials against ultraviolet rays for  
textiles  
IN Duennenberger, Max; Biland, Hans R.; Luethi, Christian  
PA CIBA Ltd.  
SO Swiss, 22 pp.  
CODEN: SWXXAS  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 484695	A	19700131	CH 1963-484695	19631230
PRAI	CH 1963-16014		19631230		
IT	1909-37-1P				

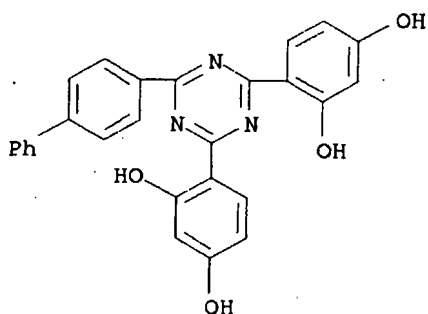
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
RN 1909-37-1 CAPLUS  
CN Phenol, 2,2'-(6-[1,1'-biphenyl]-4-yl-1,3,5-triazine-2,4-diyl)bis[5-(2-propenyloxy)- (9CI) (CA INDEX NAME)]



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L5 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1970:90534 CAPLUS  
DN 72:90534  
TI Bis(o-hydroxyphenyl)-s-triazine ultraviolet stabilizers for polymers and  
cellulose derivatives  
IN Duennenberger, Max; Biland, Hans R.; Luethi, Christian  
PA CIBA Ltd.  
SO Swiss, 9 pp. Addn. to Swiss 467833  
CODEN: SWXXAS  
DT Patent  
LA German  
FAN.CNT 1

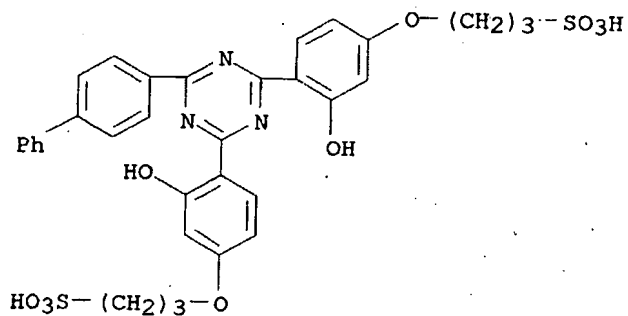
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CH 480090	A	19691031	CH 1963-480090	19630923
PRAI	CH 1963-11687		19630923		
IT	<b>4000-90-2P</b>				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	4000-90-2 CAPLUS				
CN	1,3-Benzenediol, 4,4'-(6-[1,1'-biphenyl]-4-yl-1,3,5-triazine-2,4-diyl)bis- (9CI) (CA INDEX NAME)				



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L5 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2000 ACS  
AN 1968:410484 CAPLUS  
DN 69:10484  
TI hydroxyphenyl-1,3,5-triazine derivatives containing sulfonic groups for e  
catalyst.ang.  
PA CIBA Ltd.  
SO Fr., 18 pp.  
CODEN: FRXXAK  
DT Patent  
LA French  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1494413		19670808		
PRAI	CH		19650924		
IT	18499-12-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	18499-12-2	CAPLUS			
CN	1-Propanesulfonic acid, 3,3'-[[6-(4-biphenyl)-s-triazine-2,4-diyl]bis[(3-hydroxy-p-phenylene)oxy]]di-, disodium salt (8CI) (CA INDEX NAME)				



● 2 Na

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COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE  
ENTRY  
54.96

TOTAL  
SESSION  
182.61

STN INTERNATIONAL LOGOFF AT 15:12:08 ON 16 JUN 2000

Connection closed by remote host